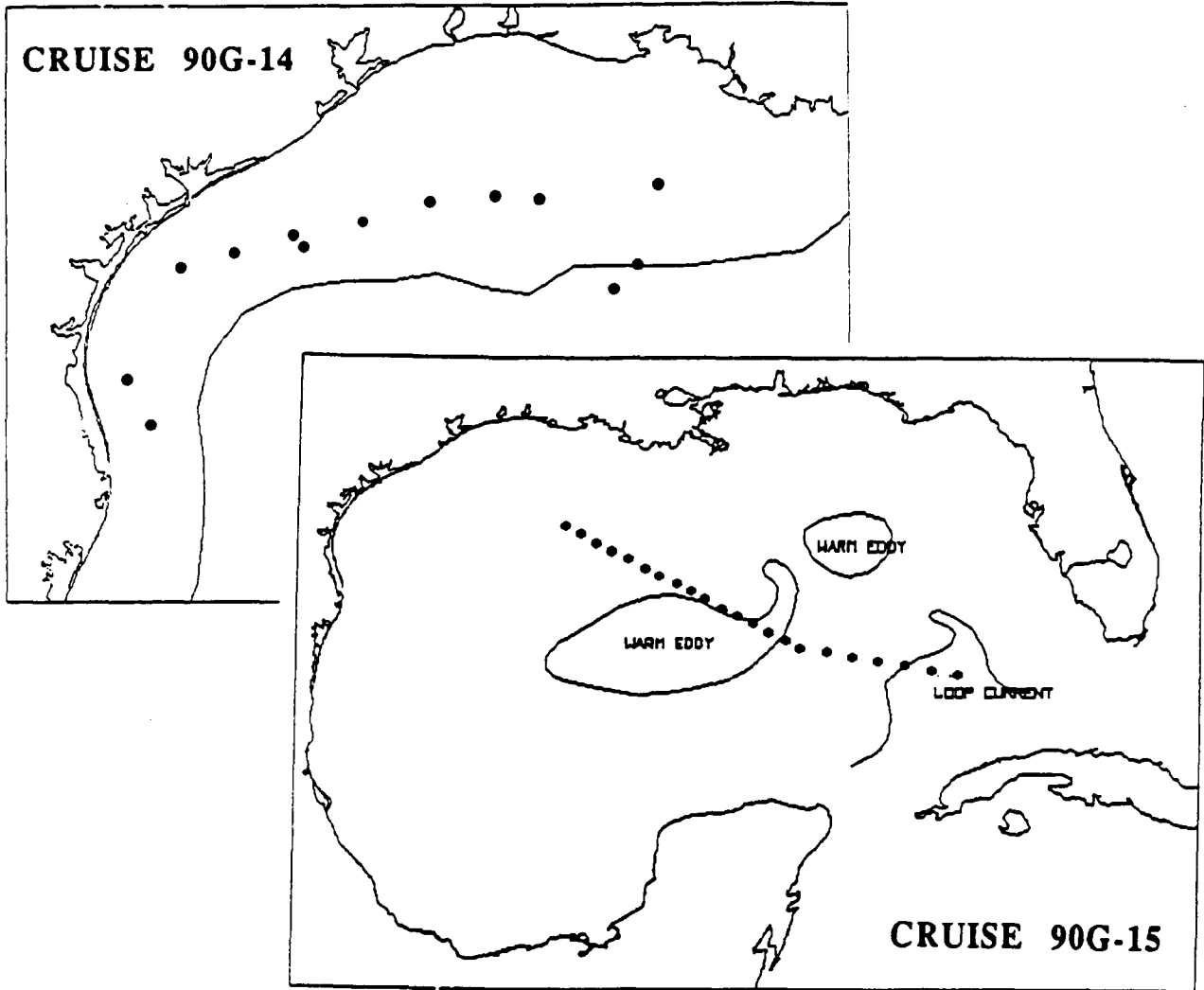


GULF OF MEXICO HYDROGRAPHIC DATA:

XBT, CTD, and BOTTLE DATA from R/V GYRE CRUISES
90G-14 (1-9 OCT 90) and 90G-15 (13-17 OCT 90)



Technical Report 91-01-T of the Department of Oceanography
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17 January 1991

D.C. Biggs, Technical Editor
TAMU Technical Support Services Group

B.1

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SUMMARY OF SCIENTIFIC PROGRAMS

R/V GYRE cruise 90G-14 was a 9-day NSF-sponsored benthic ecology cruise (1-9 October 90; Dr. E.N. Powell, Chief Scientist). Though most of the over-the-side work was piston coring and box coring, each morning a CTD cast was made to collect water for in vitro primary productivity experiments that were piggy-backed on this trip as MS thesis research by graduate student Lionel Sanchez. In addition, four other CTD casts were made at other times, at locations of interest to the science party. In all, 13 CTD stations were made west of $91^{\circ}50'W$ and north of $26^{\circ}30'W$. Ten of these were made over the middle shelf ($z = 45-50m$), while the others were located in deeper water ($z = 73m; 200m; 579m$).

R/V GYRE cruise 90G-15 transected warm-core ring Q ("Quiet Eddy") in an add-on science program to a deadhead transit from Galveston to Miami. During this 5-day transit (13-17 October 90; Dr. D.C. Biggs, Chief Scientist), GYRE ran its SAIL loop to log surface temperature and salinity and fluorometric chlorophyll, and its 150 kHz ADCP to monitor near-surface currents. Seven CTD stations and 23 XBT stations were made between the shelf-slope break off Louisiana and the shelf-slope break off SW Florida.

RECORD OF POSITIONS AND STATIONS

CTD STATIONS, R/V GYRE cruise 90G-14:

<u>Date</u>	<u>GMT</u>	<u>Start Station Work</u>		<u>Finish Station Work</u>		<u>Station</u>	<u>Depth</u>
10-01	1615 - 1628	28 25.0	93 22.4	28 25.0	93 22.4	CTD 01	49 m
10-02	0228 - 0235	28 22.7	92 57.3	28 22.7	92 57.3	CTD 02	48 m
	1259 - 1313	28 28.8	91 50.3	28 29.0	91 50.6	CTD 03	48 m
	2131 - 2146	27 50.6	92 01.7	27 50.6	92 02.0	CTD 05	200 m
10-03	1259 - 1334	27 36.8	92 15.4	27 36.8	92 15.4	CTD 06	579 m
10-04	1255 - 1310	28 21.5	94 00.5	28 21.4	94 00.4	CTD 07	45 m
10-05	1305 - 1326	28 11.8	94 38.3	28 12.0	94 38.3	CTD 09	48 m
	1900 - 1910	28 00.0	95 11.7	28 00.1	95 11.7	CTD 10	73 m
10-06	1303 - 1318	27 56.6	95 51.5	27 56.7	95 51.4	CTD 11	48 m
	1752 - 1759	27 50.0	96 21.6	27 50.1	96 21.4	CTD 12	48 m
10-07	2039 - 2050	26 52.2	96 54.0	26 52.2	96 54.0	CTD 13	48 m
10-08	1300 - 1318	26 30.4	96 40.4	26 30.6	96 40.5	CTD 14	49 m
10-09	1305 - 1316	28 04.9	95 17.8	28 05.0	95 17.7	CTD 18	50 m

XBT + CTD STATIONS, R/V GYRE cruise 90G-15:

10-13	1844	27 39.4	92 39.2			XBT 01	
	2047	27 29.9	92 19.9			XBT 02	
	2255	27 20.0	92 00.0			XBT 03	
	2259 - 0007	27 20.1	92 00.0	27 20.0	92 00.2	CTD 03	
10-14	0257	27 09.8	91 40.1			XBT 04	
	0507	26 59.9	91 19.5			XBT 05	
	0521 - 0611	27 00.1	91 19.4	27 00.2	91 19.2	CTD 05	
	0907	26 49.4	90 59.0			XBT 06	
	1109 - 1156	26 40.0	90 39.9	26 39.9	90 39.4	CTD 07	
	1243	26 39.5	90 38.3			XBT 07	
	1438	26 29.5	90 18.9			XBT 08	
	1636 - 1736	26 19.5	89 59.2	26 19.6	89 57.8	CTD 09	
	1824	26 19.9	89 56.4			XBT 09	
	2008	26 90.4	89 38.8			XBT 10	
	2147	26 00.2	89 20.4			XBT 11	
	2200 - 2223	25 59.8	89 19.8	25 59.6	89 19.1	CTD 11	
	2311 - 0219	25 59.7	89 18.4	25 58.5	89 15.3	CTD 11 deep cast	
10-15	0355	25 49.5	88 59.2			XBT 12	
	0546	25 40.0	88 40.0			XBT 13	
	0600 - 0619	25 39.8	88 39.9	25 39.6	88 39.9	CTD 13	
	0739 - 1016	25 40.0	88 39.9	25 38.9	88 39.7	CTD 13 deep cast	
	1022	25 38.9	88 39.6			XBT 13	
	1216	25 30.0	88 20.0			XBT 14	
	1419	25 19.6	87 59.7			XBT 15	
	1432 - 1526	25 19.4	87 59.5	25 18.7	88 00.3	CTD 15	
	1921	25 10.0	87 40.0			XBT 16	
	2136	25 00.2	87 20.6			XBT 17	
10-16	0042	24 54.8	86 46.8			XBT 18	
	0342	24 49.8	86 14.9			XBT 19	
	0648	24 44.7	85 42.4			XBT 20	
	0951	24 39.1	85 09.3			XBT 21	
	1234	24 33.5	84 36.1			XBT 22	
	1507	24 27.7	84 02.8			XBT 23	

MARINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME		STATE		STATION GALE SIGN		LOCATION		(Latitude)	(Longitude)			
R/V GYRE 906-14				KJCL								
(1) DATE OCT	(2) TIME (GMT)	(3)		(4) VISI- BILITY (miles)	(5) WIND		(6) STATE OF SEA		(7) SEA WATER TEMP	(8) AIR TEMP	(9) PRESSURE	(10) REMARKS POSITION
		SKY COND.	PRESENT WEATHER		DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)				
1	0830	PTLY CLOUDY	CLEAR	10	NW	15	0-1	0-1	—	80	1018.5	29°02'N 94°16'W
1	1230	CLEAR	LT HAZE	10	NW	15	1-2	1-2	—	80°	1019	28°38'N 93°42'W
1	1700	OVER CAST	LT. HAZE	6	NE	10	1-2	1-2		88°	1020.1	28°24'N 93°22'W
1	2030	CLEAR	LT-HAZE	6	NE	10	1-2	0-1	—	92	1018.9	28°26'N 93°10'W
2	0030	CLEAR	LT HAZE	6	WNW	10	0-1	1-2		81	1018.2	28°20'N 92°57'W
10-2	0500	CLEAR	LT. HAZE	6-8	E	10	0-1	1-2		84°	1018.1	28°22'N 92°35'W
2	0830	CLEAR	CLEAR	10	E	10	0-1	0-1		80°	1017.7	28°25'N 92°04'W
2	1230	PTLY CLOUDY	CLEAR	10	ENE	12	0-1	1-2		79°	1017.5	28°29'N 91°50'W
10-2	1630	CLOUDY	CLEAR	6-10	SE	11	2-3	1-2		84°	1018.1	28°16'N 91°55'W
2	2030	CLOUDY	CLEAR	10	SE	10	2	1-2		87°	1015.0	27°57'N 92°01'W
10-3	0030	PTLY CLOUDY	CLEAR	10	SE	12	2-3	1-2		82°	1014.7	27°51'N 92°04'W
10-3	0450	PTLY CLOUDY	CLEAR	10	S	12	2-3	1-2		81°	1015.1	27°39'N 92°18'W
10-3	0830	CLOUDY	RAIN SHOWERS	8	S	12	2-3	1-2		82°	1015.5	27°40'N 92°17'W
10-3	1230	PTLY CLOUDY	CLEAR	10	S	22	3-5	1-2		84°	1015.2	27°37'N 92°15'W
10-3	1630	PTLY CLOUDY	CLEAR	10	SSE	15	4-5	2		87°	1017.5	27°36'N 92°15'W
10-3	2030	PTLY CLOUDY	CLEAR	10	SE	10	3-5	2	—	83°	1015.5	27°51'N 92°37'W
10-4	0030	CLOUDY	CLEAR	10	S	14	2-4	1-2		81°	1014.7	28°05'N 93°14'W
10-4	0445	CLOUDY	CLOUDY	10	SW	15-18	4-6	2		79°	1017.0	28°31'N 94°00'W

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MARINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME			STATE	SHIP CALL SIGN			LOCATION		(Latitude)	(Longitude)			
R/V GIRE				KTCX									
(1) DATE	(2) GMT TIME (ZDZ)	(3)		(4) VISI- BILITY (miles)	(5) WIND		(6) STATE OF SEA		(7) SEA WATER TEMP	(8) AIR TEMP	(9) PRESSURE	(10)	
		SKY COND.	PRESENT WEATHER		DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)				SEA WATER TEMP	AIR TEMP
10-4	0830	PTY CLOUDY	LT. RAIN	8	SSW	17	3-5	2		82°	1017	28°24'N	94°04'W
10-4	1230	PTY CLOUDY	CLEAR	10	SSW	12	3-5			80	1018.6	28°21'N	~94°00'W
10-4	1630	PTY CLOUDY	CLEAR	10	SSW	5	SWELL 3-5	2-3		85°	1021.0	28°22'N	~93°57'W
10-4	2030	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	2-4	2		86	1020.3	28°21'N	93°59'W
10-5	0030	PTY CLOUDY	CLEAR	10	NE	6	SWELL 2-3			82	1019.8	28°20'N	~94°10'W
10-5	0430	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	SWELL 2-3	2		82°	1020.5	28°14'N	~94°11'W
10-5	0830	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	2			82°	1019.9	28°08'N	94°41'W
10-5	1230	PTY CLOUDY	CLEAR	10	E	8	2-3 CONF.			82	1020	28°12'N	~94°38'W
10-5	1630	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	SWELL CONF. 1-2			84°	1021.1	28°04'N	~94°50'W
10-5	2030	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	1-2	-		84	1019.3	27°59'N	95°10'W
10-6	0045	PTY CLOUDY	CLEAR	10	E	8	SWELL 1-2			82	1018.5	27°59'N	~95°11'W
10-6	0430	PTY CLOUDY	CLEAR	10	SSE	11	1-3	1-2		82°	1018.5	28°00'N	~95°11'W
10-6	0830	PTY CLOUDY	CLEAR	10	SSE	10	1-3			80°	1017	27°51'N	95°41'W
10-6	1230	PTY CLOUDY	CLEAR	10	SSE	8	1-3	1-2		82°	1016.2	27°56'N	~95°50'W
10-6	1630	PTY CLOUDY	CLEAR	10	SSE	10	1-3	1-2		89°	1017.5	27°53'N	~96°11'W
10-6	2030	PTY CLOUDY	CLEAR	10	S	10	2-3	1-2		87°	1015.5	27°49'N	96°20'W
10-6	0030	CLOUDY	CLEAR	10	S	10	2-3	1-2		84°	1015.0	27°49'N	~96°21'W
10-6	0430	PTY CLOUDY	CLEAR	10	SE	10-15	2-3	1-2		84°	1015.8	27°45'N	~96°21'W

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NAVINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME			STATE		STATION CALL			LOCATION		(Latitude)	(Longitude)	
RN ENRE					KTC							
(1) DATE	(2) ZD+5 TIME (GMT)	(3)		(4) VISI- BILITY (miles)	(5) WIND		(6) STATE OF SEA		(7) SEA WATER TEMP	(8) AIR TEMP	(9) PRESSURE	(10) REMARKS POSITION
		SKY COND.	PRESENT WEATHER		DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)				
10-7	0830	PTLY CLOUDY	CLEAR	10	S	15	2-3			81°	1015.5	27°48'N 96°24'W
10-7	1230	PTLY CLOUDY	CLEAR	10	S	8	2-3			81°	1016.0	27°50'N ~ 96°21'W
10-7	1700	PTLY CLOUDY	CLEAR	10	S	10-12	2-3 1-2			86°	1017.2	27°17'N ~ 96°40'W
10-7	2030	PTLY CLOUDY	CLEAR	10	SE	9	1-3			88°	1014.9	26°51'N 96°53'W
10-8	0030	PTLY CLOUDY	CLEAR	10	SE	10	1-2 1-2			85°	1014.8	26°54'N ~ 96°54'W
10-8	0445	PTLY CLOUDY	CLEAR	10	SE	10	1-3 1-2			82°	1016.5	26°41'N ~ 96°41'W
10-8	0830	PTLY CLOUDY	CLEAR	10	SE	12	1-3			80°	1015.8	26°30'N 96°42'W
10-8	1230	PTLY CLOUDY	CLEAR	10	SSE	10	1-3 1-2			82°	1015.5	26°30'N ~ 96°40'W
10-8	1700	PTLY CLOUDY	CLEAR	10	SSE	12	1-3 1-2			87°	1016.8	26°22'N ~ 96°38'W
10-8	2030	PTLY CLOUDY	CLEAR	10	SE	10	1-3 1-2			92°	1015.0	26°04'N 96°26'W
10-9	0030	PTLY CLOUDY	CLEAR	10	SE	16	1-3 1-2			85°	1014.0	26°41'N ~ 96°14'W
10-9	0445	PTLY CLOUDY	CLEAR	10	SE	10	1-2 1-2			84	1015.0	27°22'N ~ 96°02'W
10-9	0830	PTLY CLOUDY	CLEAR	10	SSE	10	2-3 1-2			84°	1014.0	27°48'N 95°51'W
10-9	1230	PTLY CLOUDY	CLEAR	10	SE	15	3-5			83°	1014.0	28°05'N ~ 95°16'W
10-9	1630	HEAVY RAIN	FRONTAL PASSAGE	4	N	20-30	3-5 2-3			78°	1016.0	28°29'N ~ 95°04'W
10-9	2030	OVER CAST	RAIN	4	N	25-30	4-6 1-2			68°	1016.0	28°00'N 94°50'W

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MARINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME R/V GYRE 90615			STATE	SECTION CALL SIGN KJCL			LOCATION (Latitude) (Longitude)					
(1) DATE	(2) TIME (GMT)	(3) SKY COND.	(4) PRESENT WEATHER	(5) VISI- BILITY (miles)	(6) WIND DIR SPEED (knots)		(7) STATE OF SEA HEIGHT PERIOD (feet) (sec.)	(8) SEA WATER TEMP □ C □ F	(9) AIR TEMP □ C □ F	(10) PRESSURE	POSITION	REMARKS
10-13	0830	PTY CLOUDY	CLEAR	10	NE	14	1-3		70°	1015.7	29° 51' N, 94° 04' W	
10-13	1230	PTY CLOUDY	CLEAR	10	NW	5	1-3		72°	1015.5	28° 22' N ~ 93° 30' W	
10-13	1700	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	1-3		76°	1014.0	29° 51' N ~ 92° 53' W	
10-13	2030	PTY CLOUDY	CLEAR	8-10	N	10	1-3		81°	1014.0	27° 31' N 92° 22' W	
10-14	0030	CLOUDY	CLEAR	10	VAR	LT AIR	0-1		74°	1014.0	27° 19' N ~ 92° 00' W	
10-14	0500	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	CALM		75°	1014.5	29° 00' N ~ 91° 31' W	
10-14	0830	PTY CLOUDY	CLEAR	10	SW	5	0-1		74°	1014.0	26° 51' N 91° 05' W	
10-14	1230	PTY CLOUDY	CLEAR	10	VAR	LT	CALM		74°	1014.0	26° 40' N ~ 90° 38' W	
10-14	1645	PTY CLOUDY	CLEAR	10	CALM		CALM		82°	1016.0	26° 19' N ~ 89° 59' W	
10-14	2030	PTY CLOUDY	CLEAR	10	W	6	CALM		86°	1014.5	26° 08' N 89° 35' W	
10-15	0030	PTY CLOUDY	CLEAR	10	VAR	LT AIR	CALM		78°	1015.0	25° 59' N ~ 89° 17' W	
10-15	0430	CLEAR	CLEAR	10	VAR	LT AIRS	CALM		79°	1016.7	25° 46' N ~ 88° 53' W	
10-15	0830	CLEAR	CLEAR		VAR	LT AIRS	CALM		76°	1016.0	25° 40' N 88° 40' W	
10-15	1230	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	CALM		80°	1017.0	25° 28' N ~ 88° 17' W	
10-15	1630	PTY CLOUDY	CLEAR	10	VAR	LT AIRS	RIPPLE		86°	1019.0	25° 17' N ~ 87° 59' W	
10-15	2030	PTY CLOUDY	CLEAR	10	NE	9	0-2		88°	1016.75	25° 07' N ~ 87° 28' W	
10-16	0028	PTY CLOUDY	CLEAR	10	NE	12	1-2 1-2		81°	1016.9	24° 55' N ~ 86° 48' W	
10-16	0450	PTY CLOUDY	CLEAR	10	E	10-12	1-3 1-2		84°	1017.1	24° 47' N ~ 86° 03' W	

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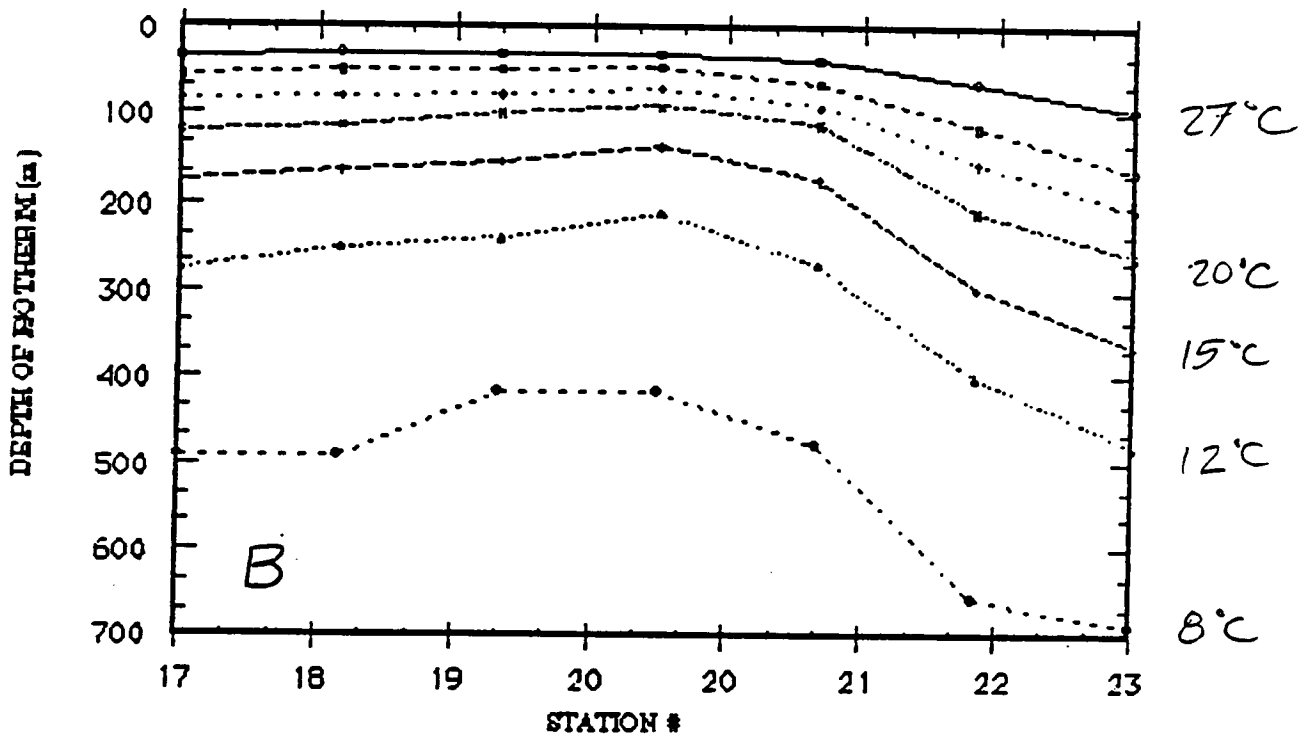
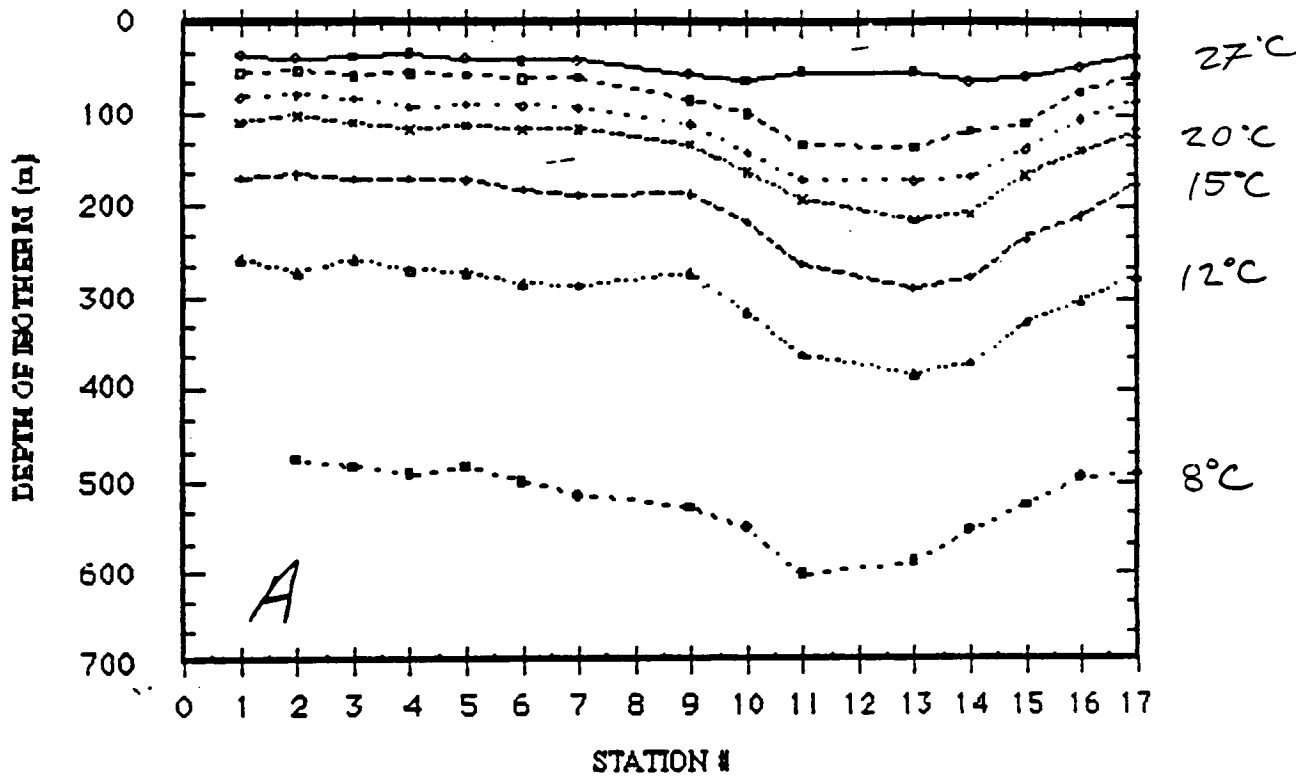
MARINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME				STATE		STATION CALL SIGN		LOCATION		(Latitude)	(Longitude)	
RLN GYRE						KTCX						
(1)	(2)	(3)		(4)	(5) WIND		(6) STATE OF SEA		(7)	(8)	(9)	(10)
DATE	GAT TIME (ZD.3)	SKY COND.	PRESENT WEATHER	VISI-BILITY (miles)	DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)	SEA WATER TEMP <input type="checkbox"/> C <input type="checkbox"/> F	AIR TEMP <input type="checkbox"/> C <input type="checkbox"/> F	PRESSURE	REMARKS POSITION
10-16	0830	PTLY CLOUDY	CI-FAIR	10	E	7.5	0-2			82°	1016.5	24°42'N 85°25'W
10-16	1230	PTLY CLOUDY	CLEAR	10	ENE	12	2-3			80°	1017.2	24°33'N ~ 84°37'W
10-16	1610	PTLY CLOUDY	CLEAR	10	E	11	2-3	1-2		86°	1017.8	24°24'N ~ 83°43'W
10-16	2030	PTLY CLOUDY	CLEAR	10	E	12	2-3			88°	1015.8	21°14'N 82°51'W
10-17	0030	PTLY CLOUDY	CLEAR	10	E	15	3-5			84°	1016.5	24°17'N ~ 82°13'W
10-17	0440	PTLY CLOUDY	CLEAR	10	E	15	3-5			85°	1017.1	24°25'N ~ 81°27'W
10-17	0830	CLOUDY	CLEAR	10	SE	23	3-5			84°	1016.0	24°35'N 80°41'W
10-17	1235	PTLY CLOUDY	CLEAR RAIN SHWRS	10	ESE	15	3-5			84°	1019.0	25°06'N ~ 80°11'W

XBT DATA

Sippican T-7 XBTs were dropped every 20 nautical miles along the track of cruise 90G-15. Because this gave us XBT data at each of the 7 CTD stations, XBT temperatures were able to be calibrated against CTD temperature. Raw data XBT temperatures have been corrected by -0.09, -0.08, and -0.13 for T-7 manufacturers lots #690807 to #690815, # 688065 to #690622, and #690619 to #690624, respectively, so that near-surface XBT temperatures would agree with near-surface CTD temperatures.

At the beginning of this section are two plots of the depth of selected isotherms that were generated from the corrected XBT data. The NW and SE edges of Quiet Eddy show up in Plot A as the regions as regions where the 8, 12, 15, and 20 C isotherms rapidly deepen (from stations 9 to 11) and then rise (from stations 14 to 16). The NW wall of the Loop Current shows up in Plot B as a second region of rapidly deepening isotherms (between stations 21 and 22). The positions of Quiet Eddy and of a smaller, companion warm eddy that had separated from the Loop Current that have been superimposed on the cruise track on the cover of this report are as reported by J.Hawkins (NOARL Loop Group) from AVHRR image of 10/15/90. Note that locations agree quite well with those indicated by the XBT data.



Depths of Isotherms (m)

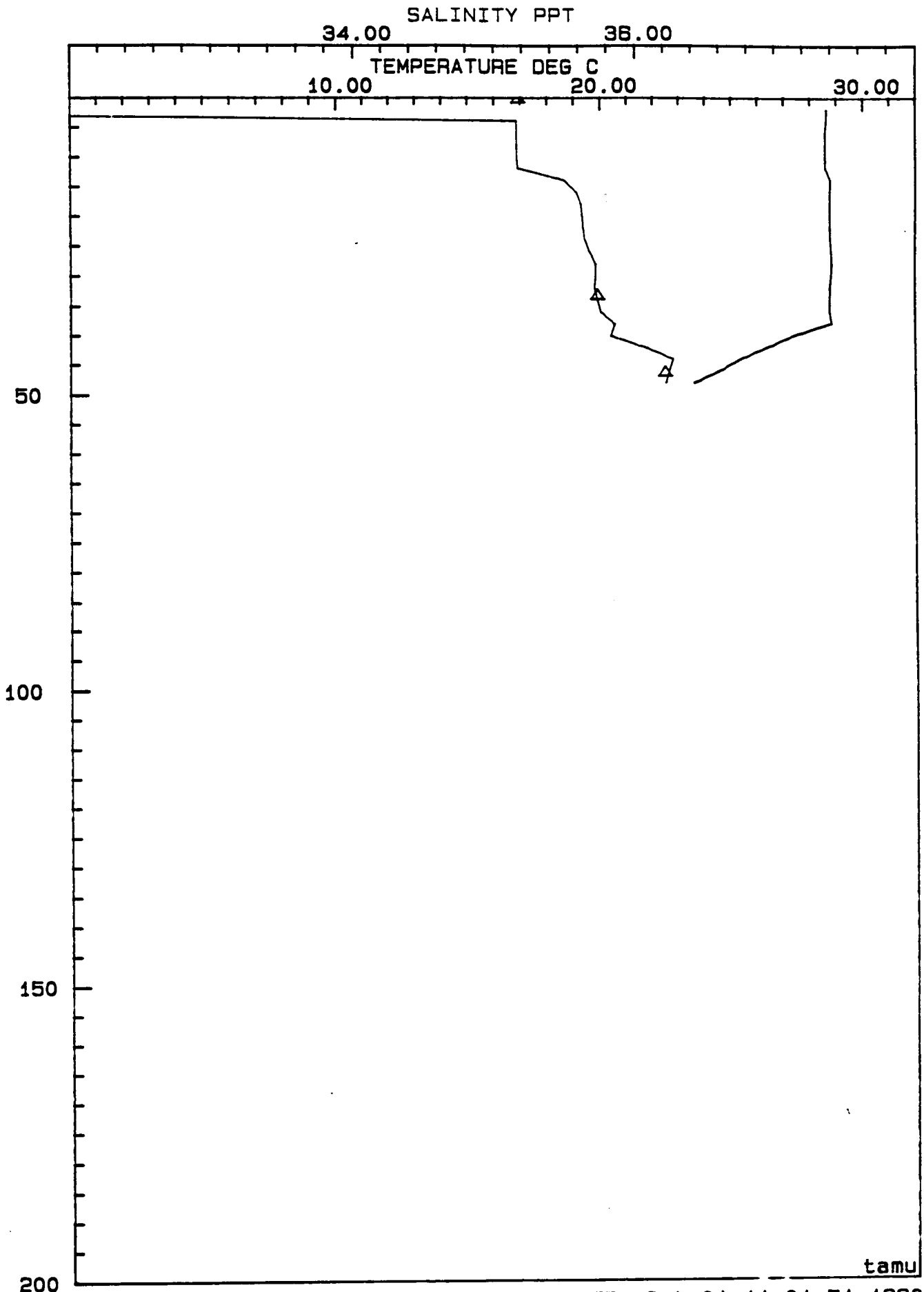
 Ship R/V GYRE Cruise # 90615

XBT No.	01	02	03	04	05	06	07	08
Date (GMT)	10-13	10-13	10-13	10-14	10-14	10-14	10-14	10-14
Time (GMT)	1844	2047	2255	0257	0507	0907	1243	1438
N. Latitude	27 31.4	27 29.9	27 20.0	27 04.8	26 54.9	26 49.4	26 39.5	26 29.5
W. Longitude	92 31.2	92 19.9	92 00.0	91 40.1	91 19.5	90 57.0	90 38.3	90 16.4
Surf. Sal. (‰)	36.11	36.16	35.04	35.96	36.01	35.89	35.85	35.90
Surf. Temp. (°C)	27.6	27.2	27.6	27.5	27.7	27.6	27.7	28.1
29 °C								
28								
27	36	39	39	34	42	41	41	M
26	38	39	41	36	43	43	44	A
25	42	41	47	41	48	50	48	L
24	48	45	52	48	52	54	54	F
23	54	52	59	54	56	61	59	U
22	60	59	65	63	65	69	66	N
21	68	66	74	72	80	77	79	C
20	80	77	83	87	90	92	93	T
19	94	90	97	102	96	104	103	I
18	108	101	110	117	112	117	117	O
17	126	123	128	131	130	139	132	N
16	146	138	146	150	148	160	155	
15	169	164	171	169	170	180	186	
14	196	197	197	190	200	210	207	
13	226	226	229	225	238	245	239	
12	255	270	258	267	271	281	284	
11	283	313	298	300	315	321	324	
10	360	356	357	364	358	366	377	
9	417	407	415	424	410	427	436	
8		469	475	484	478	496	510	
7		538	556	572	564	581	591	
6		677	666	677	697	697	707	

Depths of Isotherms (m)

Ship RV GYRE Cruise # 00315

XBT No.	09	10	11	12	13	14	15	16
Date (GMT)	10-14	10-14	10-14	10-15	10-15	10-15	10-15	10-15
Time (GMT)	1824	2008	2147	0355	0546	1216	1419	1921
N. Latitude	26 19.9	26 90.4	26 20.2	25 49.5	25 40.0	25 32.0	25 19.6	25 10.0
W. Longitude	87 56.4	89 38.8	89 20.4	88 59.2	88 40.0	88 22.0	87 59.7	87 40.0
Surf. Sal. (‰)	36.10	36.23	36.57	36.56	36.31	36.42	36.28	35.7
Surf. Temp. (°C)	28.7	29.2	29.4	28.5	28.4	28.7	28.7	28.5
29 °C		3	6					
28	56	61	54	M	50	62	59	39
27	58	65	55	A	55	64	61	46
26	61	68	61	L	59	72	66	51
25	66	76	72	F	68	79	81	58
24	74	89	95	V	91	96	103	65
23	84	99	132	N	135	116	109	74
22	90	121	145	L	148	129	116	80
21	100	131	159	T	157	153	129	86
20	112	141	171	I	172	168	135	165
19	122	154	181	O	190	186	153	120
18	132	165	194	N	214	207	164	137
17	147	176	207		227	237	184	154
16	165	196	231		258	256	206	178
15	187	218	259		284	274	232	207
14	210	246	290		324	299	259	231
13	233	272	322		341	332	289	262
12	267	315	358		374	362	322	296
11	324	354	401		417	402	338	331
10	382	415	451		468	445	407	375
9	442	486	516		516	496	459	429
8	520	547	595		579	547	519	487
7	607	634	677		650	620	591	567
6	718	727	762		760	730	715	676



CRUISE: 90G14 STATION: SBE001A. DATE: Oct 01 11:01:51 1990
 LATITUDE: 28 24.73 N LONGITUDE: 93 22.04 W
 TRIANGLES DENOTE DISCRETE SAMPLES

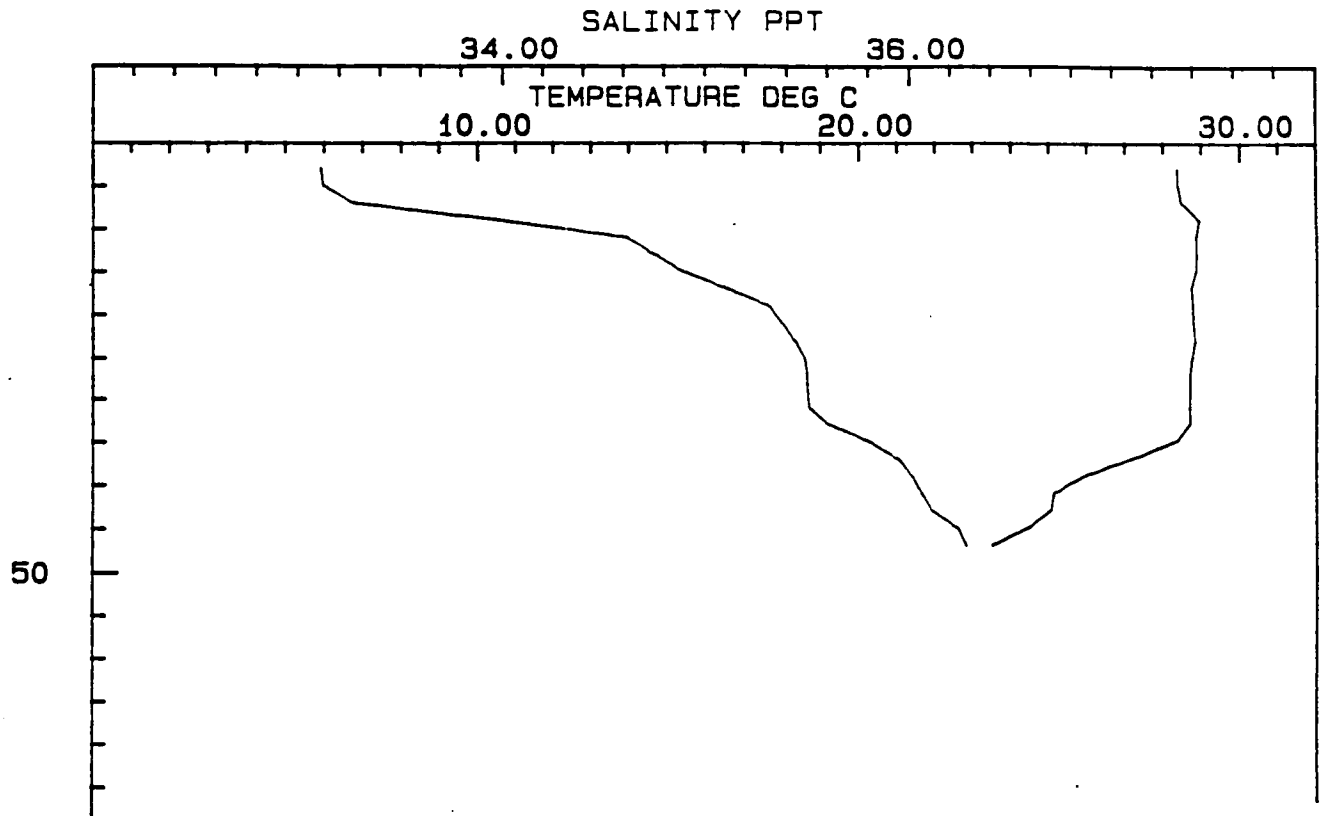
tamu

CTD DATA

For cruise 90G-14, temperature and salinity were profiled with a Seabird SBE-09 CTD. For cruise 90G-15, we swapped this out with a second Seabird SBE-09 CTD, to which we mated a SeaTech model 025D 25-cm pathlength transmissometer so we could monitor transmissivity, as well.

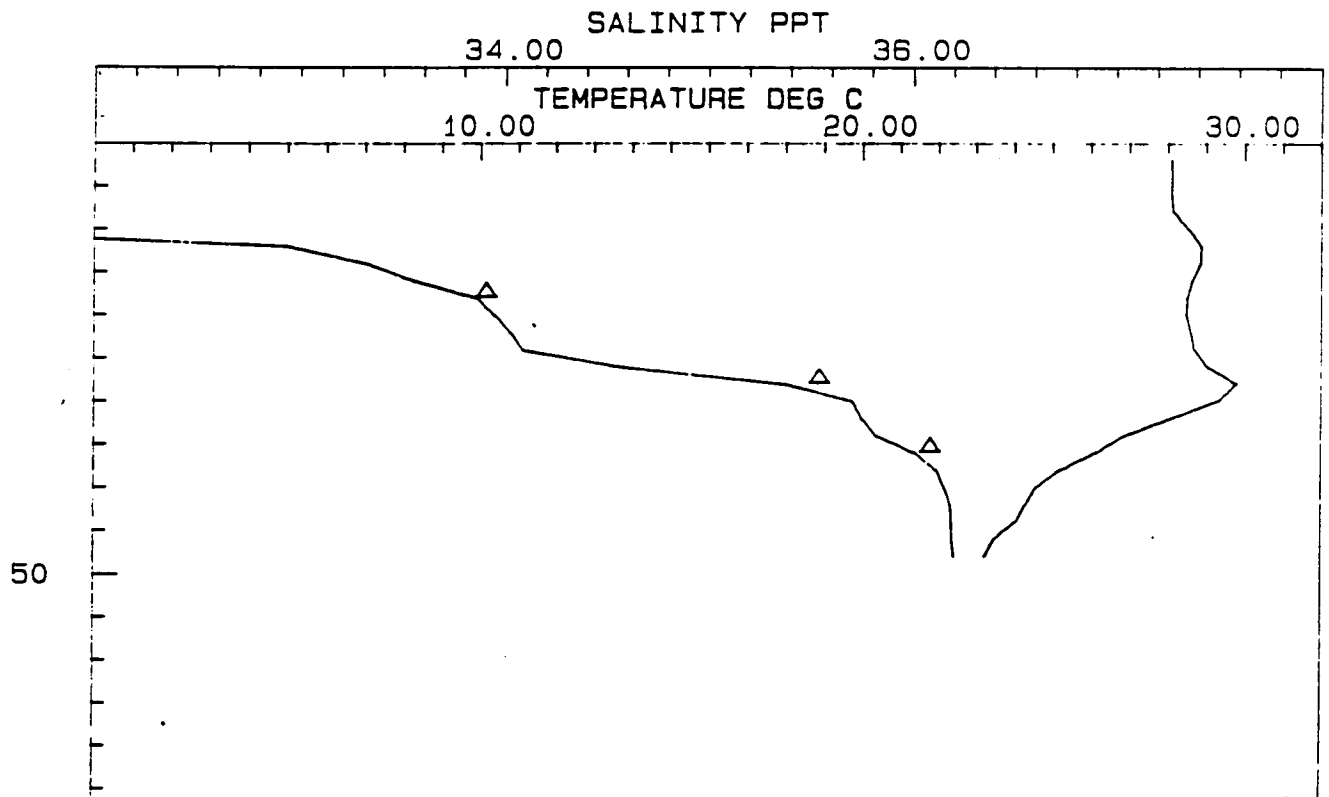
The following pages present plots of downcast temperature and salinity (and transmissometer) data, along with tables of 1m-averaged downcast CTD and transmissometer data. For cruise 90G-14, no correction was made to the raw data CTD salinities, because these generally agreed to within ± 0.005 PSU with bottle salinities determined using our Guildline model 8400A conductive salinometer. However, for cruise 90G-15 which had utilized the other SBE-09 CTD, CTD salinities were corrected by $+0.006$ PSU. After this correction, minimum salinity values within the broad salinity minimum between 500-1000m agreed with the historical data and with our measurements from previous cruises 1987-1990 (> 34.885 PSU). Triangles superimposed on the (downcast) CTD salinity profiles present the (upcast) bottle salinity data.

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CRUISE: 90G14 STATION: SBE002.P DATE: Oct 01 02:28:36 1990
LATITUDE: 28 19.34 N LONGITUDE: 92 58.83 W

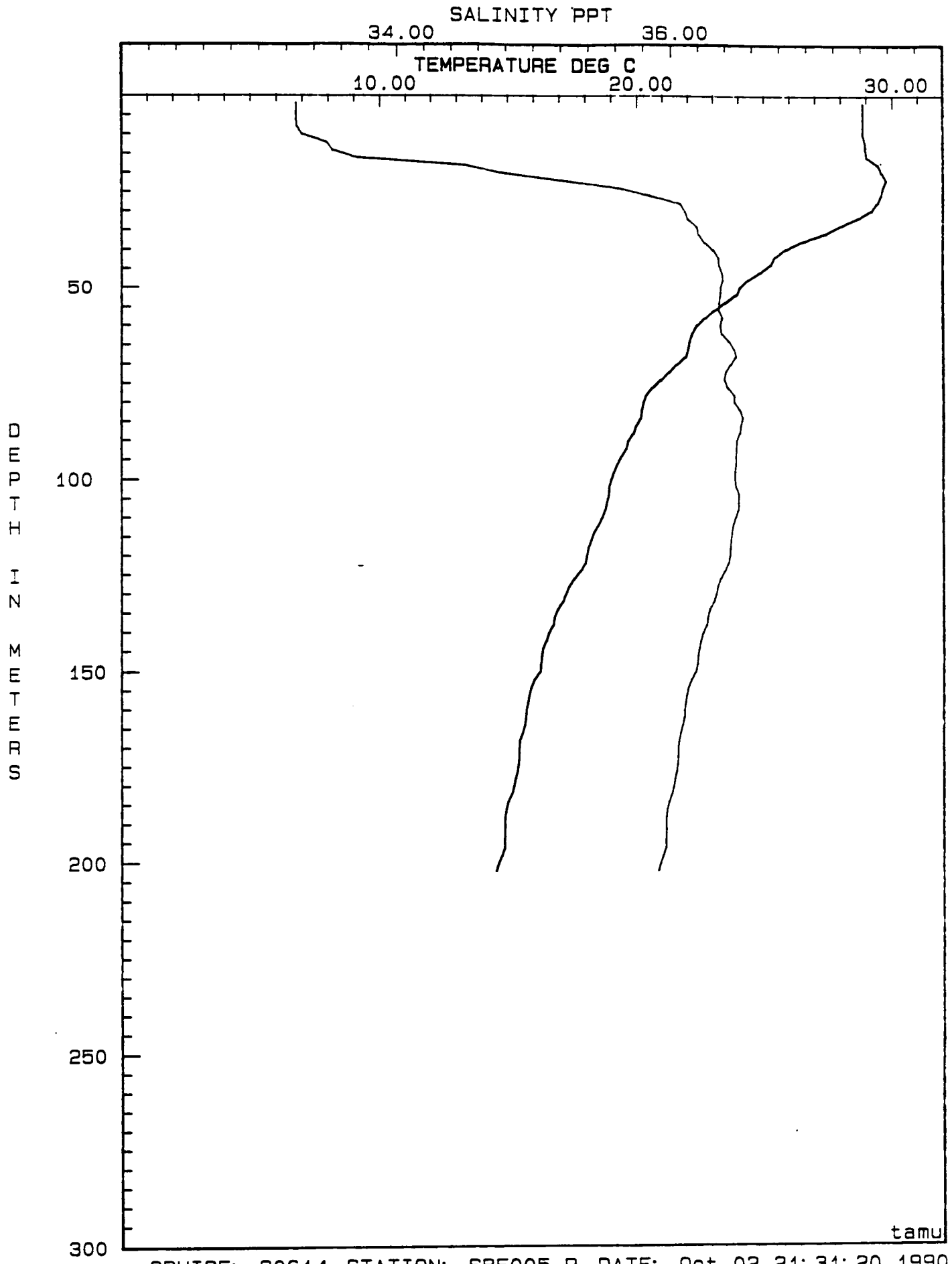
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CRUISE: 90G14 STATION: SBE003.P DATE: Oct 02 12:58:04 1990
LATITUDE: 28 28.74 N LONGITUDE: 91 50.14 W

STATION SBE005.PLT: CRUISE 00614 DATE & TIME Tue Oct 02 21:31:20 1999 Julian day = 275
 LAT 27 50.59 N LON 92 01.63 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

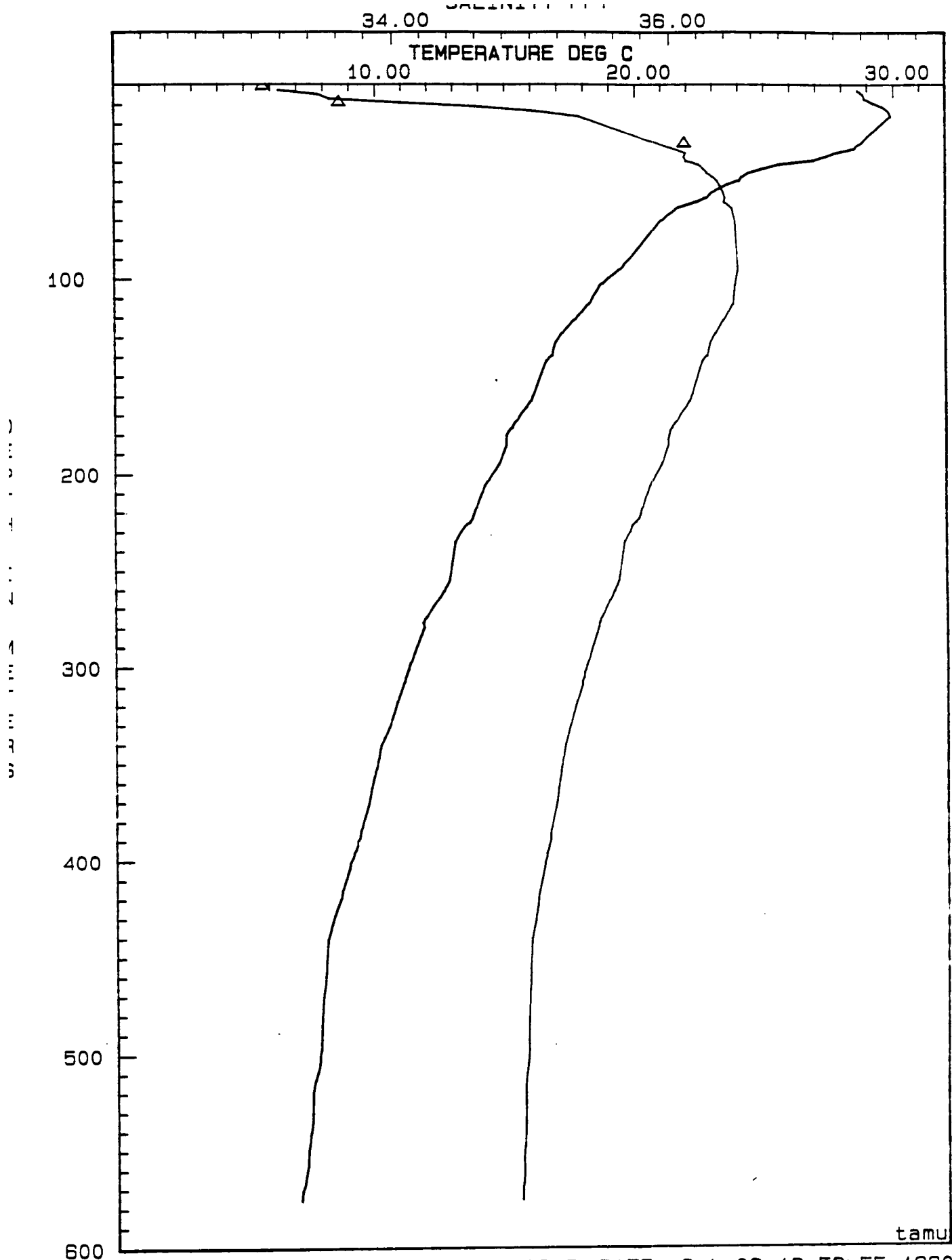
DEPTH	TEMP	SALT	SIGMA-T	SSH	DEPTH	TEMP	SALT	SIGMA-T	SSH	DEPTH	TEMP	SALT	SIGMA-T	SSH
2.0	28.852	33.266	20.314		52.0	23.936	36.354	24.695		102.0	18.896	36.473	26.176	
3.0	28.852	33.266	20.314		53.0	23.862	36.357	24.771		103.0	18.892	36.489	26.188	
4.0	28.853	33.264	20.812		54.0	23.463	36.354	24.827		104.0	18.886	36.496	26.196	
5.0	28.852	33.265	20.314		55.0	23.193	36.347	24.901		105.0	18.834	36.499	26.211	
6.0	28.854	33.264	20.812		56.0	23.047	36.353	24.948		106.0	18.810	36.495	26.214	
7.0	28.850	33.270	20.318		57.0	22.913	36.364	24.996		107.0	18.769	36.496	26.226	
8.0	28.850	33.270	20.818		58.0	22.703	36.378	25.066		108.0	18.745	36.494	26.230	
9.0	28.852	33.269	20.816		59.0	22.553	36.372	25.105		109.0	18.683	36.482	26.236	
10.0	28.842	33.307	20.848		60.0	22.350	36.363	25.156		110.0	18.631	36.475	26.245	
11.0	28.892	33.418	20.915		61.0	22.215	36.373	25.203		111.0	18.564	36.465	26.254	
12.0	28.930	33.485	20.952		62.0	22.168	36.372	25.215		112.0	18.494	36.455	26.267	
13.0	28.946	33.517	20.972		63.0	22.077	36.395	25.258		113.0	18.353	36.447	26.294	
14.0	28.947	33.528	20.979		64.0	22.067	36.425	25.284		114.0	18.304	36.445	26.305	
15.0	28.951	33.554	20.997		65.0	22.039	36.445	25.306		115.0	18.269	36.440	26.309	
16.0	28.997	33.706	21.096		66.0	22.017	36.461	25.325		116.0	18.203	36.439	26.325	
17.0	29.317	34.284	21.423		67.0	21.996	36.480	25.348		117.0	18.128	36.433	26.340	
18.0	29.438	34.496	21.542		68.0	21.928	36.480	25.365		118.0	18.086	36.434	26.350	
19.0	29.523	34.665	21.640		69.0	21.817	36.475	25.392		119.0	18.062	36.430	26.353	
20.0	29.578	34.757	21.690		70.0	21.562	36.441	25.438		120.0	18.025	36.430	26.363	
21.0	29.619	34.844	21.741		71.0	21.485	36.416	25.440		121.0	17.935	36.424	26.366	
22.0	29.764	35.183	21.946		72.0	21.266	36.402	25.490		122.0	17.965	36.420	26.370	
23.0	29.703	35.452	22.169		73.0	21.146	36.399	25.521		123.0	17.924	36.418	26.378	
24.0	29.632	35.609	22.311		74.0	20.957	36.391	25.566		124.0	17.790	36.392	26.392	
25.0	29.606	35.736	22.414		75.0	20.711	36.411	25.649		125.0	17.609	36.379	26.426	
26.0	29.564	35.847	22.513		76.0	20.593	36.414	25.683		126.0	17.539	36.362	26.431	
27.0	29.479	36.015	22.667		77.0	20.425	36.440	25.749		127.0	17.425	36.358	26.456	
28.0	29.414	36.069	22.730		78.0	20.343	36.464	25.788		128.0	17.335	36.339	26.463	
29.0	29.353	36.079	22.758		79.0	20.306	36.455	25.792		129.0	17.253	36.332	26.477	
30.0	29.173	36.105	22.838		80.0	20.246	36.462	25.813		130.0	17.215	36.329	26.484	
31.0	28.926	36.137	22.945		81.0	20.204	36.489	25.844		131.0	17.145	36.317	26.492	
32.0	28.659	36.124	23.025		82.0	20.179	36.505	25.864		132.0	17.105	36.313	26.498	
33.0	28.355	36.165	23.157		83.0	20.165	36.516	25.876		133.0	17.052	36.293	26.496	
34.0	27.987	36.192	23.298		84.0	20.133	36.525	25.892		134.0	16.893	36.279	26.523	
35.0	27.711	36.200	23.394		85.0	20.055	36.516	25.905		135.0	16.836	36.265	26.526	
36.0	27.371	36.204	23.507		86.0	19.953	36.510	25.928		136.0	16.775	36.265	26.541	
37.0	27.000	36.218	23.638		87.0	19.919	36.506	25.933		137.0	16.748	36.261	26.544	
38.0	26.493	36.247	23.821		88.0	19.855	36.505	25.949		138.0	16.733	36.259	26.546	
39.0	26.117	36.281	23.965		89.0	19.762	36.493	25.965		139.0	16.679	36.246	26.549	
40.0	25.843	36.314	24.077		90.0	19.638	36.480	25.988		140.0	16.563	36.231	26.564	
41.0	25.619	36.339	24.165		91.0	19.622	36.479	25.992		141.0	16.463	36.221	26.579	
42.0	25.428	36.352	24.234		92.0	19.576	36.477	26.002		142.0	16.465	36.214	26.575	
43.0	25.362	36.360	24.260		93.0	19.479	36.475	26.026		143.0	16.390	36.205	26.585	
44.0	25.273	36.356	24.284		94.0	19.375	36.474	26.052		144.0	16.329	36.203	26.598	
45.0	24.953	36.374	24.396		95.0	19.311	36.476	26.071		145.0	16.310	36.193	26.599	
46.0	24.862	36.379	24.428		96.0	19.224	36.475	26.092		146.0	16.285	36.193	26.601	
47.0	24.577	36.374	24.511		97.0	19.174	36.471	26.103		147.0	16.262	36.190	26.604	
48.0	24.390	36.386	24.576		98.0	19.092	36.468	26.121		148.0	16.244	36.189	26.607	
49.0	24.310	36.379	24.595		99.0	19.043	36.468	26.133		149.0	16.245	36.188	26.606	
50.0	24.079	36.368	24.656		100.0	18.997	36.467	26.147		150.0	16.222	36.178	26.604	
51.0	24.045	36.369	24.667		101.0	18.913	36.473	26.172		151.0	16.129	36.162	26.613	



CRUISE: 90G14 STATION: SBE005.P DATE: Oct 02 21: 31: 20 1990
 LATITUDE: 27 50.59 N LONGITUDE: 92 01.63 W

STATION SBE006.PLT:: CRUISE 90G14 DATE & TIME Wed Oct 03 12:58:55 1990, Julian day = 276
 LAT 27 36.73 N LON 92 15.28 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	26.612	33.181	20.830		113.0	18.194	36.461	26.344		257.0	12.730	35.607	26.918	
4.0	28.633	33.236	20.864		114.0	18.174	36.458	26.347		258.0	12.795	35.621	26.916	
5.0	28.921	33.469	20.977		121.0	17.643	36.393	26.429		260.0	12.610	35.588	26.927	
6.0	28.991	33.530	21.000		130.0	17.097	36.314	26.501		267.0	12.266	35.538	26.956	
7.0	28.681	33.544	21.013		129.0	17.149	36.331	26.501		277.0	11.782	35.476	27.001	
8.0	29.153	33.994	21.261		129.0	17.046	36.309	26.509		275.0	11.912	35.484	26.983	
9.0	29.176	34.045	21.290		132.0	16.933	36.296	26.526		279.0	11.834	35.471	26.987	
10.0	29.336	34.344	21.461		133.0	16.866	36.290	26.538		280.0	11.761	35.463	26.955	
11.0	29.538	34.630	21.608		135.0	16.849	36.285	26.538		283.0	11.722	35.455	26.997	
12.0	29.544	34.687	21.649		137.0	16.825	36.278	26.538		298.0	11.173	35.371	27.033	
13.0	29.761	34.996	21.801		139.0	16.798	36.275	26.542		299.0	11.250	35.384	27.030	
14.0	29.905	35.025	21.914		140.0	16.782	36.274	26.545		300.0	11.234	35.380	27.029	
15.0	29.891	35.342	22.023		142.0	16.553	36.235	26.570		301.0	11.212	35.377	27.031	
32.0	28.991	36.381	23.107		152.0	16.245	36.187	26.605		302.0	11.199	35.377	27.033	
33.0	28.452	36.042	23.031		162.0	15.977	36.143	26.634		303.0	11.156	35.366	27.033	
34.0	28.149	36.071	23.154		168.0	15.849	36.116	26.642		304.0	11.125	35.364	27.037	
35.0	27.803	36.118	23.302		174.0	15.329	36.032	26.695		305.0	11.101	35.363	27.041	
36.0	27.595	36.146	23.391		175.0	15.330	36.033	26.696		306.0	11.085	35.356	27.040	
37.0	27.365	36.107	23.436		176.0	15.255	36.012	26.697		307.0	11.059	35.352	27.039	
39.0	27.107	36.116	23.526		177.0	15.170	36.006	26.711		308.0	11.016	35.350	27.046	
39.0	26.909	36.118	23.592		178.0	15.113	35.995	26.715		309.0	11.000	35.351	27.050	
40.0	26.299	36.109	23.778		179.0	15.061	35.989	26.722		316.0	10.836	35.319	27.054	
41.0	25.599	36.209	24.073		180.0	15.028	35.989	26.729		318.0	10.764	35.309	27.060	
42.0	25.297	36.261	24.208		181.0	15.025	35.983	26.726		330.0	10.399	35.265	27.090	
43.0	25.001	36.246	24.285		182.0	15.016	35.983	26.727		331.0	10.458	35.259	27.075	
44.0	24.598	36.262	24.422		183.0	15.020	35.982	26.726		332.0	10.386	35.247	27.079	
45.0	24.453	36.272	24.469		185.0	15.024	35.983	26.725		340.0	10.132	35.226	27.106	
46.0	24.438	36.279	24.481		189.0	15.015	35.979	26.725		351.0	9.923	35.193	27.116	
47.0	24.178	36.309	24.581		195.0	14.746	35.935	26.750		352.0	9.957	35.197	27.114	
48.0	24.295	36.301	24.541		203.0	14.325	35.869	26.791		353.0	9.922	35.203	27.124	
48.0	24.051	36.345	24.647		204.0	14.286	35.863	26.793		354.0	9.903	35.194	27.121	
50.0	23.953	36.375	24.696		205.0	14.271	35.859	26.794		357.0	9.867	35.189	27.123	
51.0	23.623	36.360	24.765		206.0	14.190	35.848	26.803		362.0	9.761	35.175	27.130	
52.0	23.443	36.373	24.847		218.0	13.816	35.784	26.833		366.0	9.680	35.165	27.136	
53.0	23.317	36.377	24.888		219.0	13.812	35.783	26.833		370.0	9.653	35.162	27.138	
54.0	23.138	36.373	24.937		220.0	13.781	35.760	26.837		383.0	9.378	35.124	27.154	
55.0	23.030	36.390	24.981		221.0	13.764	35.775	26.839		384.0	9.343	35.119	27.156	
56.0	22.852	36.396	25.008		222.0	13.742	35.772	26.839		385.0	9.322	35.122	27.161	
58.0	22.764	36.404	25.069		223.0	13.715	35.768	26.842		386.0	9.318	35.116	27.157	
59.0	22.662	36.407	25.095		224.0	13.683	35.763	26.844		387.0	9.286	35.115	27.165	
60.0	22.405	36.395	25.165		225.0	13.632	35.747	26.843		388.0	9.297	35.116	27.161	
61.0	22.106	36.417	25.266		226.0	13.540	35.732	26.850		389.0	9.277	35.112	27.161	
63.0	21.669	36.453	25.417		227.0	13.437	35.716	26.860		390.0	9.214	35.113	27.172	
64.0	21.494	36.470	25.479		228.0	13.316	35.705	26.875		391.0	9.206	35.112	27.170	
70.0	20.796	36.475	25.622		230.0	13.269	35.701	26.885		392.0	9.214	35.104	27.166	
71.0	20.512	36.535	25.727		231.0	13.211	35.687	26.883		393.0	9.168	35.101	27.170	
75.0	19.423	36.497	26.057		235.0	13.041	35.660	26.897		394.0	9.150	35.100	27.173	
78.0	19.379	36.507	26.062		254.0	12.911	35.626	26.915		395.0	9.162	35.092	27.163	
103.0	11.648	36.475	26.240		253.0	12.805	35.618	26.911		396.0	9.076	35.087	27.176	
111.0	10.200	36.461	26.332		256.0	12.792	35.626	26.920		397.0	9.037	35.084	27.178	



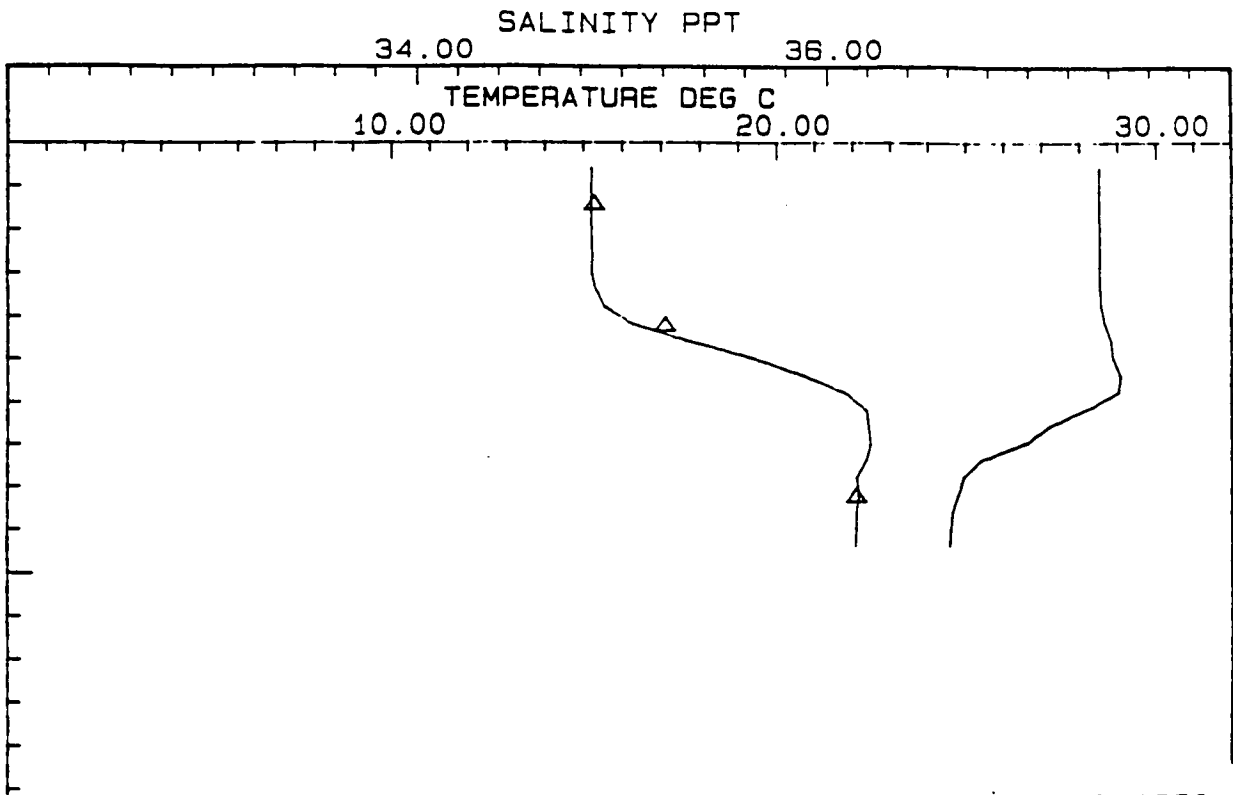
CRUISE: 90G14 STATION: SBE006.P DATE: Oct 03 12:58:55 1990

LATITUDE: 27 36.73 N LONGITUDE: 92 15.28 W

TRIANGLES DENOTE DISCRETE SAMPLES

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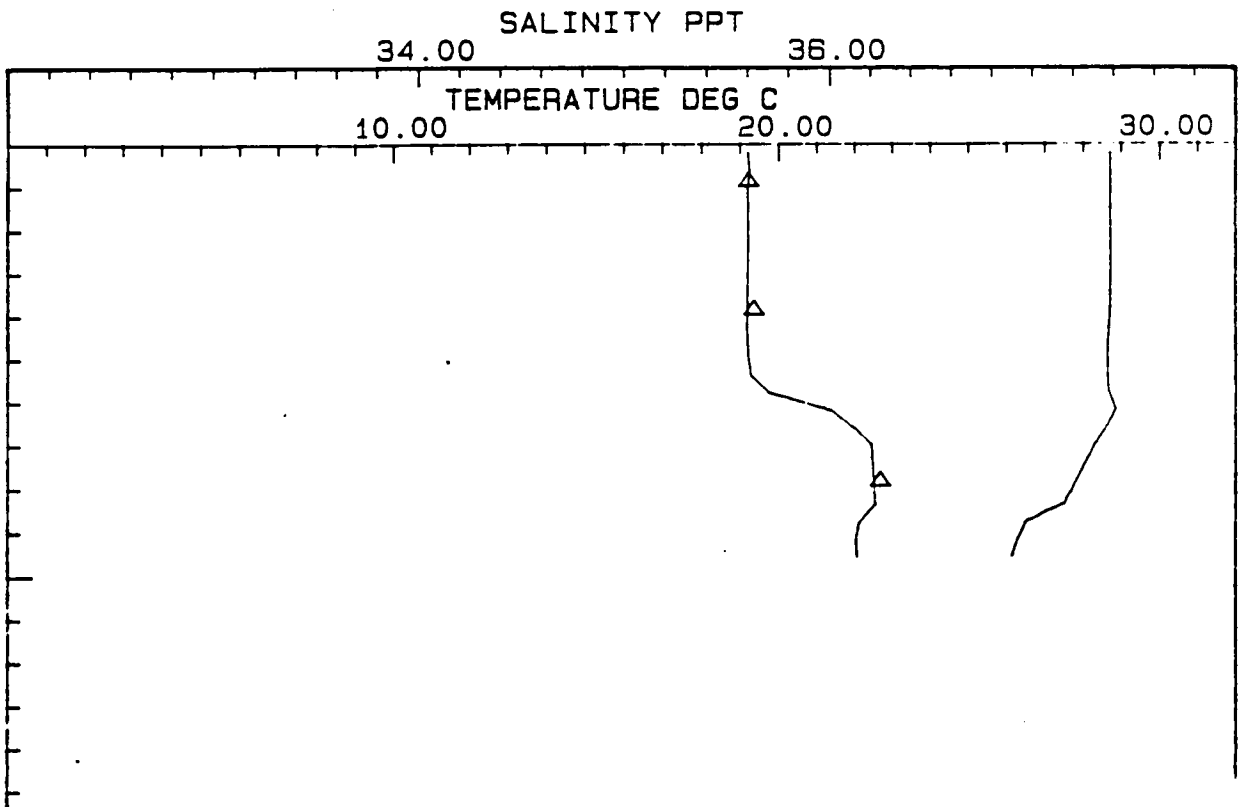
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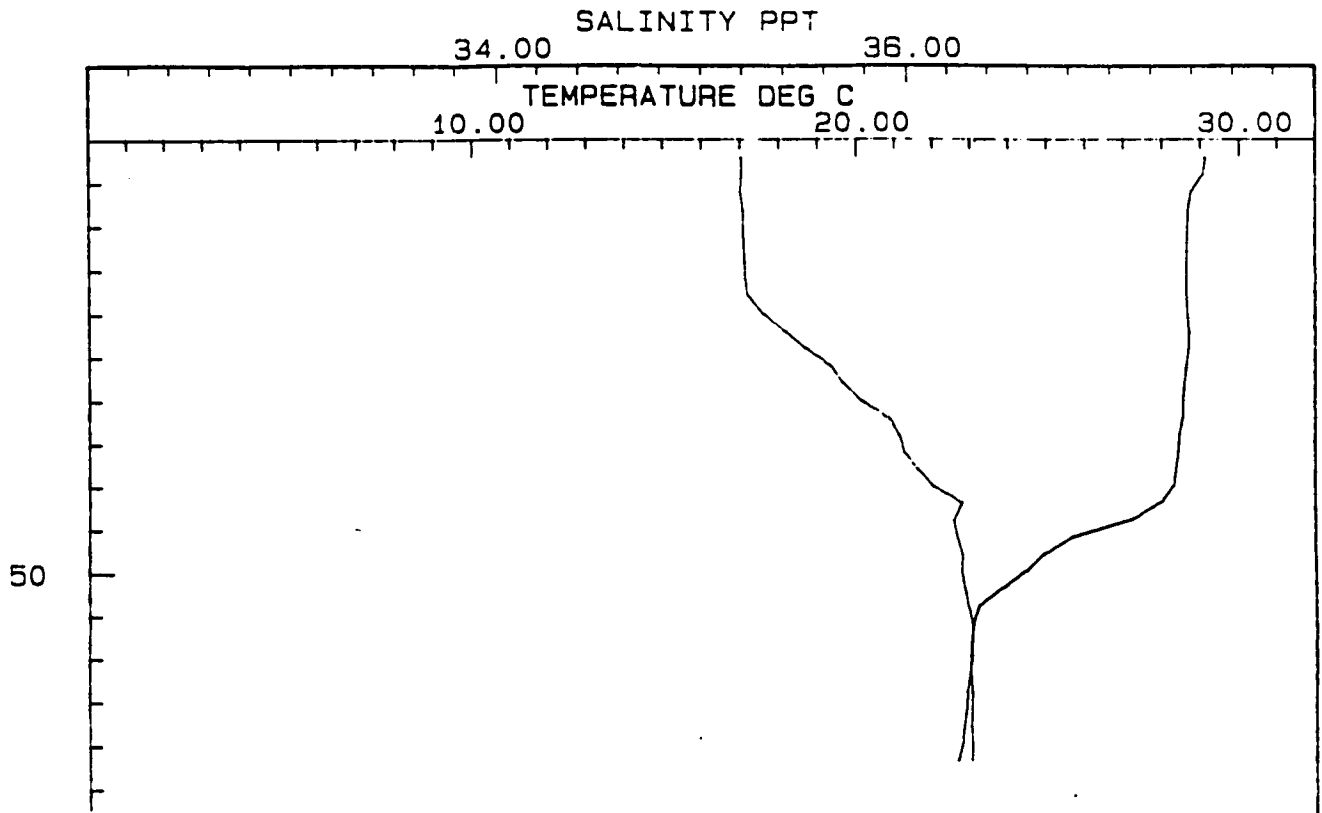
CRUISE: 90G14 STATION: SBE007.P DATE: Oct 04 12:54:58 1990
LATITUDE: 28 21.03 N LONGITUDE: 94 00.07 W
TRIANGLES DENOTE DISCRETE SAMPLES

D
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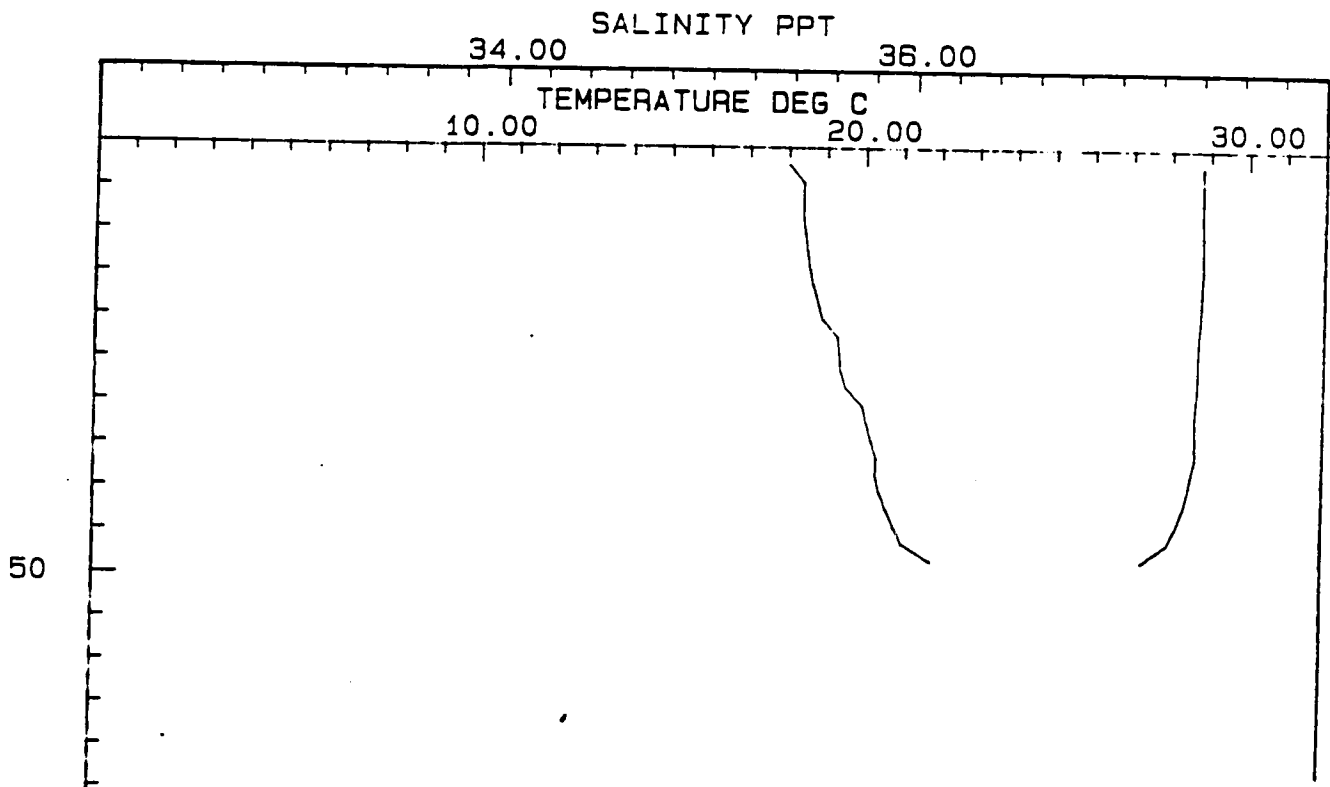
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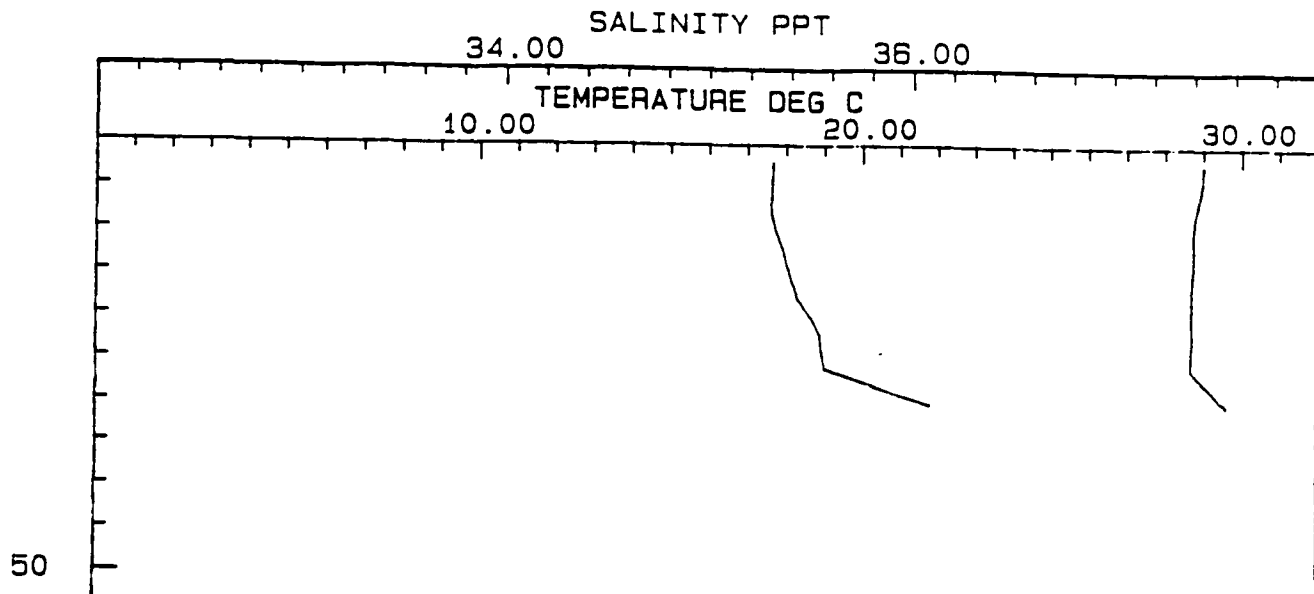
CRUISE: 90G14 STATION: SBE009A. DATE: Oct 05 13:07:27 1990
LATITUDE: 28 11.30 N LONGITUDE: 94 37.84 W
TRIANGLES DENOTE DISCRETE SAMPLES



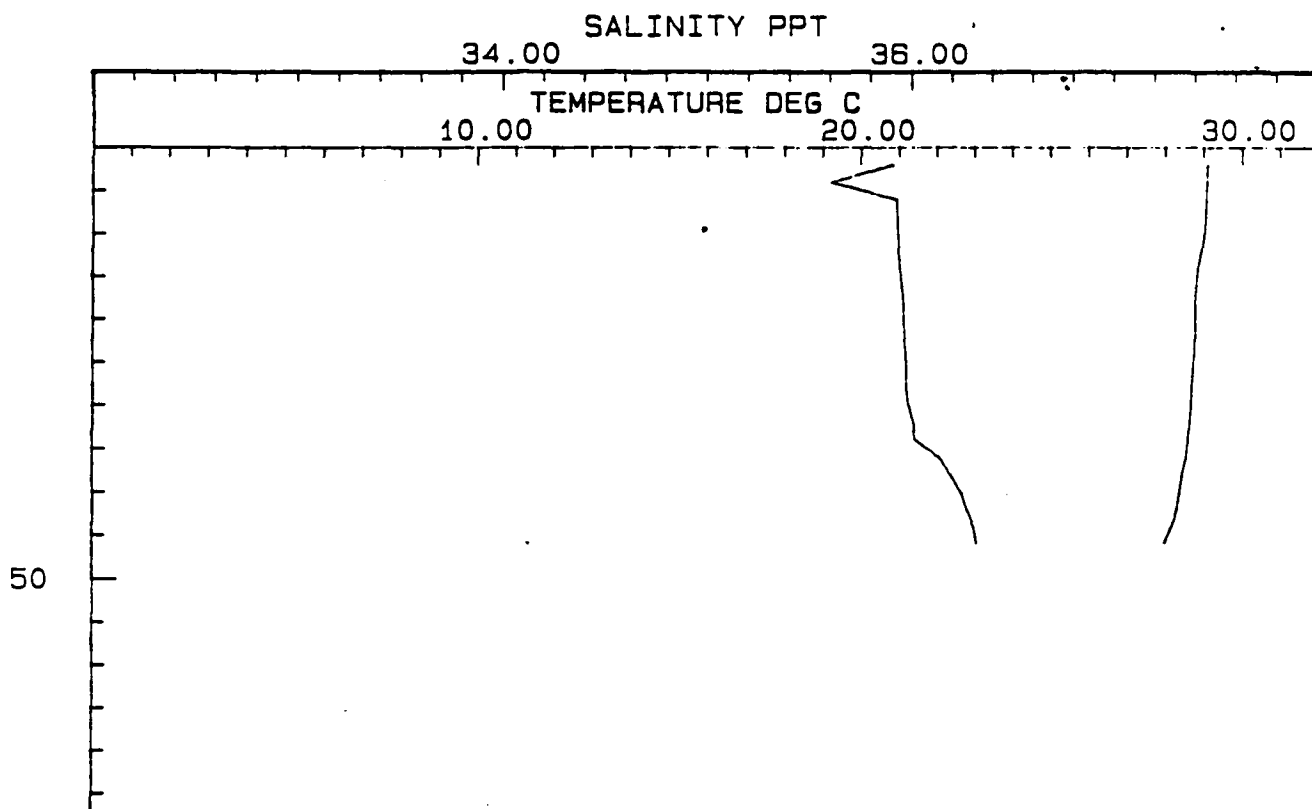
CRUISE: 90G14 STATION: SBE010.P DATE: Oct 05 18:59:57 1990
LATITUDE: 27 59.49 N LONGITUDE: 95 11.16 W



CRUISE: 90G14 STATION: SBE011.P DATE: Oct 06 13:02:50 1990
LATITUDE: 27 55.82 N LONGITUDE: 95 50.84 W



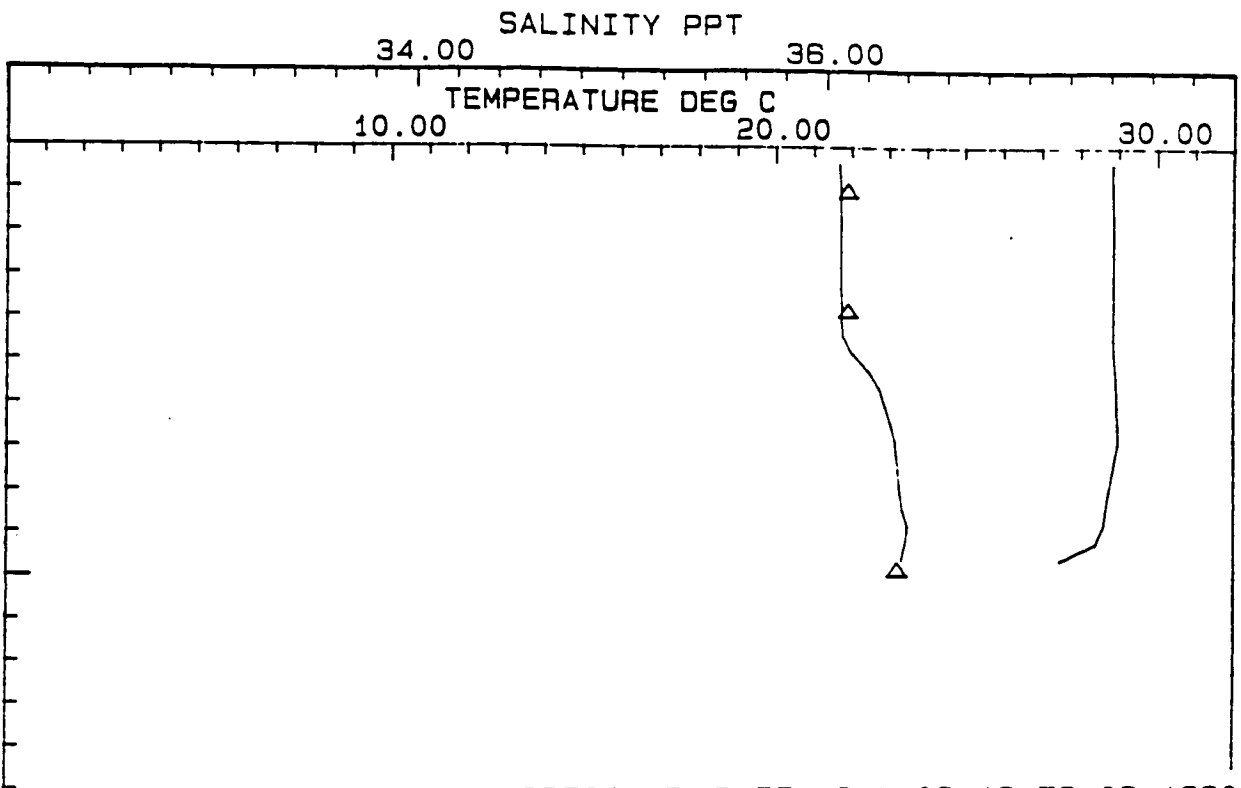
CRUISE: 90614 STATION: SBE012.P DATE: Oct 06 17:51:40 1990
 LATITUDE: 27 49.22 N LONGITUDE: 96 20.80 W



CRUISE: 90614 STATION: SBE013.P DATE: Oct 07 20:38:34 1990
 LATITUDE: 26 51.65 N LONGITUDE: 96 53.71 W

DEPTH

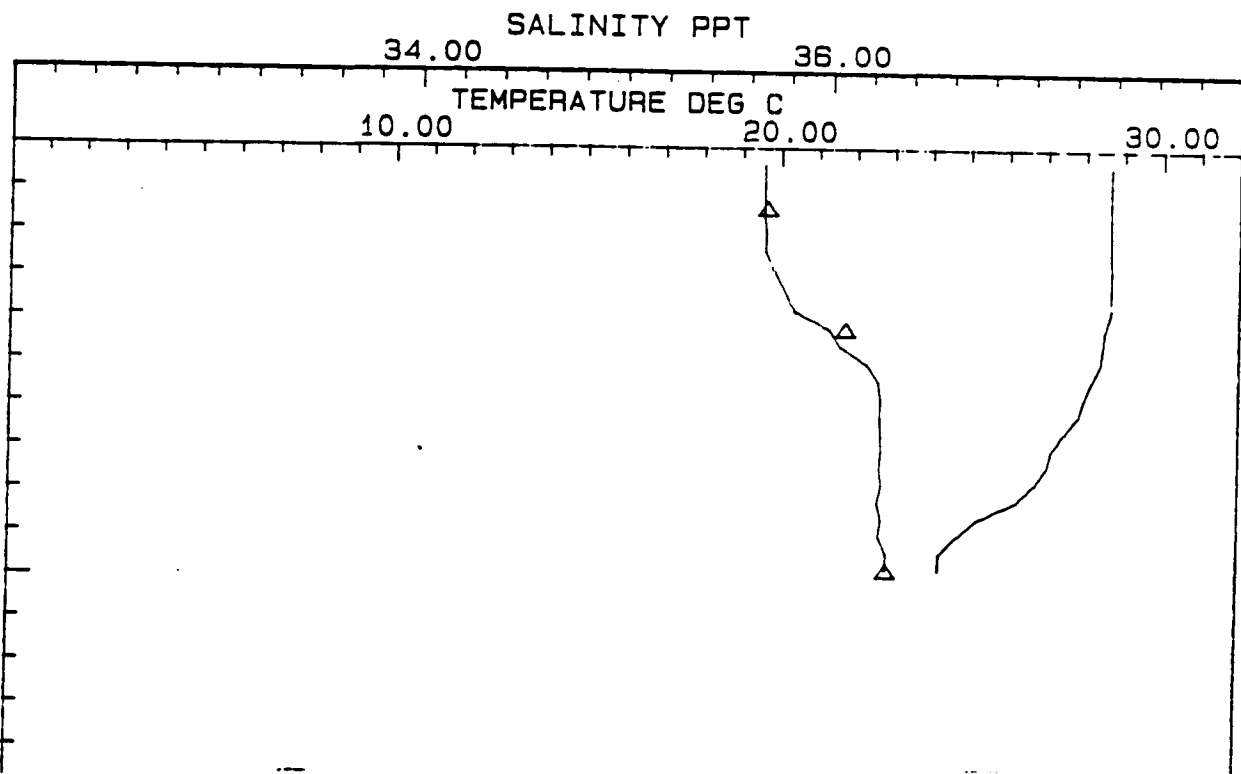
50



CRUISE: 90G14 STATION: SBE014.P DATE: Oct 08 12:59:02 1990
LATITUDE: 26 30.03 N LONGITUDE: 96 40.22 W
TRIANGLES DENOTE DISCRETE SAMPLES

DEPTH

50



CRUISE: 90G14 STATION: SBE018.P DATE: Oct 09 13:04:26 1990
LATITUDE: 28 04.29 N LONGITUDE: 95 17.36 W
TRIANGLES DENOTE DISCRETE SAMPLES

STATION 58003, PLT: C CRUISE 8015 GATE 2 TIME EST 06:13:05 1990 COLLUM DAY = 289
 LMT 27 20:00 N LON 92 00:40 W DEPTH OFF SET 0.0 SPLINITY OFF SET 0.0

DEPTH	TEMP	SPLT	TEMP	SPLT	DEPTH	TEMP	SPLT	TEMP	SPLT	DEPTH	TEMP	SPLT	TEMP	SPLT
2.0	27.722	36.026	23.243	9.261	52.0	23.578	36.554	24.545	9.255	129.0	17.133	36.107	26.408	9.255
3.0	27.730	36.026	23.241	9.260	53.0	23.180	36.573	25.018	9.257	130.0	17.050	36.238	26.500	9.255
4.0	27.785	36.026	23.239	9.263	54.0	23.228	36.569	25.045	9.255	131.0	17.006	36.285	26.508	9.255
5.0	27.735	36.026	23.239	9.261	55.0	23.119	36.594	25.132	9.253	132.0	16.957	36.285	26.515	9.255
6.0	27.785	36.026	23.241	9.263	56.0	23.145	36.578	25.091	9.253	133.0	16.856	36.275	26.527	9.255
7.0	27.790	36.025	23.237	9.260	57.0	22.938	36.590	25.159	9.254	134.0	16.826	36.267	26.530	9.255
8.0	27.790	36.025	23.237	9.264	58.0	22.672	36.592	25.180	9.252	135.0	16.758	36.252	26.535	9.255
9.0	27.785	36.025	23.238	9.266	59.0	22.606	36.585	25.194	9.252	136.0	16.642	36.222	26.539	9.255
10.0	27.782	36.024	23.239	9.264	60.0	22.651	36.582	25.137	9.250	137.0	16.539	36.213	26.556	9.255
11.0	27.779	36.024	23.240	9.264	61.0	22.512	36.586	25.280	9.242	138.0	16.493	36.201	26.559	9.255
12.0	27.774	36.024	23.241	9.265	62.0	22.330	36.575	25.109	9.235	139.0	16.349	36.189	26.562	9.255
13.0	27.772	36.024	23.242	9.268	63.0	22.199	36.577	25.362	9.229	140.0	16.149	36.175	26.562	9.255
14.0	27.770	36.024	23.242	9.266	64.0	22.050	36.572	25.400	9.222	141.0	16.285	36.166	26.560	9.255
15.0	27.771	36.024	23.242	9.266	65.0	21.975	36.565	25.410	9.210	142.0	16.207	36.158	26.561	9.255
16.0	27.768	36.024	23.243	9.268	66.0	21.806	36.555	25.455	9.201	143.0	16.171	36.152	26.560	9.255
17.0	27.765	36.025	23.245	9.269	67.0	21.648	36.550	25.424	9.213	144.0	16.131	36.145	26.560	9.255
18.0	27.764	36.026	23.245	9.269	68.0	21.548	36.550	25.524	9.213	145.0	16.072	36.135	26.560	9.255
19.0	27.765	36.026	23.246	9.269	69.0	21.417	36.542	25.555	9.214	146.0	16.014	36.127	26.613	9.255
20.0	27.765	36.026	23.245	9.269	70.0	21.336	36.550	25.584	9.212	147.0	15.962	36.121	26.621	9.255
21.0	27.765	36.026	23.246	9.269	71.0	21.207	36.538	25.610	9.237	148.0	15.930	36.117	26.625	9.255
22.0	27.765	36.026	23.246	9.270	72.0	21.207	36.538	25.610	9.237	149.0	15.914	36.114	26.625	9.255
23.0	27.763	36.026	23.247	9.269	73.0	21.078	36.529	25.634	9.243	150.0	15.859	36.102	26.625	9.255
24.0	27.760	36.026	23.248	9.269	74.0	20.926	36.471	25.637	9.327	151.0	15.788	36.090	26.636	9.255
25.0	27.757	36.026	23.249	9.269	75.0	20.794	36.482	25.633	9.328	152.0	15.710	36.075	26.643	9.255
26.0	27.757	36.026	23.249	9.269	76.0	20.648	36.482	25.633	9.328	153.0	15.639	36.066	26.652	9.255
27.0	27.755	36.027	23.249	9.268	77.0	20.497	36.481	25.610	9.332	154.0	15.570	36.061	26.664	9.255
28.0	27.754	36.027	23.250	9.269	78.0	20.348	36.478	25.615	9.335	155.0	15.541	36.054	26.664	9.255
29.0	27.753	36.027	23.250	9.267	79.0	20.199	36.473	25.613	9.336	156.0	15.512	36.049	26.667	9.255
30.0	27.751	36.027	23.251	9.268	80.0	20.047	36.487	25.614	9.336	157.0	15.446	36.046	26.667	9.255
31.0	27.750	36.027	23.252	9.268	81.0	19.895	36.463	25.598	9.341	158.0	15.376	36.042	26.667	9.255
32.0	27.749	36.028	23.252	9.269	82.0	19.743	36.479	25.560	9.341	159.0	15.321	36.041	26.669	9.255
33.0	27.745	36.029	23.254	9.266	83.0	19.592	36.463	25.564	9.341	160.0	15.293	36.045	26.684	9.255
34.0	27.745	36.029	23.254	9.266	84.0	19.441	36.463	25.564	9.341	161.0	15.236	36.044	26.684	9.255
35.0	27.741	36.030	23.256	9.260	85.0	19.290	36.441	25.519	9.342	162.0	15.149	36.039	26.703	9.255
36.0	27.729	36.035	23.264	9.266	86.0	19.139	36.443	25.473	9.345	163.0	15.096	36.035	26.713	9.255
37.0	27.729	36.035	23.264	9.266	87.0	18.988	36.443	25.427	9.345	164.0	15.070	36.032	26.715	9.255
38.0	27.738	36.035	23.261	9.262	88.0	18.837	36.440	25.381	9.342	165.0	15.043	36.028	26.718	9.255
39.0	27.738	36.035	23.261	9.262	89.0	18.686	36.421	25.335	9.348	166.0	14.967	36.020	26.720	9.255
40.0	27.739	36.035	23.261	9.262	90.0	18.535	36.421	25.289	9.348	167.0	14.891	36.020	26.721	9.255
41.0	27.738	36.035	23.261	9.262	91.0	18.384	36.416	25.243	9.347	168.0	14.815	36.015	26.721	9.255
42.0	27.739	36.035	23.261	9.262	92.0	18.233	36.416	25.197	9.347	169.0	14.739	36.015	26.721	9.255
43.0	27.739	36.035	23.261	9.262	93.0	18.082	36.416	25.151	9.347	170.0	14.663	36.015	26.721	9.255
44.0	27.739	36.035	23.261	9.262	94.0	17.931	36.416	25.105	9.347	171.0	14.587	36.015	26.721	9.255
45.0	27.739	36.035	23.261	9.262	95.0	17.780	36.416	25.059	9.347	172.0	14.511	36.015	26.721	9.255
46.0	27.739	36.035	23.261	9.262	96.0	17.629	36.416	25.013	9.347	173.0	14.435	36.015	26.721	9.255
47.0	27.739	36.035	23.261	9.262	97.0	17.478	36.416	24.967	9.347	174.0	14.359	36.015	26.721	9.255
48.0	27.739	36.035	23.261	9.262	98.0	17.327	36.416	24.921	9.347	175.0	14.283	36.015	26.721	9.255
49.0	27.739	36.035	23.261	9.262	99.0	17.176	36.416	24.875	9.347	176.0	14.207	36.015	26.721	9.255
50.0	27.739	36.035	23.261	9.262	100.0	17.025	36.416	24.829	9.347	177.0	14.131	36.015	26.721	9.255
51.0	27.739	36.035	23.261	9.262	101.0	16.874	36.416	24.783	9.347	178.0	14.055	36.015	26.721	9.255
52.0	27.739	36.035	23.261	9.262	102.0	16.723	36.416	24.737	9.347	179.0	13.979	36.015	26.721	9.255
53.0	27.739	36.035	23.261	9.262	103.0	16.572	36.416	24.691	9.347	180.0	13.903	36.015	26.721	9.255
54.0	27.739	36.035	23.261	9.262	104.0	16.421	36.416	24.645	9.347	181.0	13.827	36.015	26.721	9.255
55.0	27.739	36.035	23.261	9.262	105.0	16.270	36.416	24.599	9.347	182.0	13.751	36.015	26.721	9.255
56.0	27.739	36.035	23.261	9.262	106.0	16.119	36.416	24.553	9.347	183.0	13.675	36.015	26.721	9.255
57.0	27.739	36.035	23.261	9.262	107.0	15.968	36.416	24.507	9.347	184.0	13.599	36.015	26.721	9.255
58.0	27.739	36.035	23.261	9.262	108.0	15.817	36.416	24.461	9.347	185.0	13.523	36.015	26.721	9.255
59.0	27.739	36.035	23.261	9.262	109.0	15.666	36.416	24.415	9.347	186.0	13.447	36.015	26.721	9.255
60.0	27.739	36.035	23.261	9.262	110.0	15.515	36.416	24.369	9.347	187.0	13.371	36.015	26.721	9.255
61.0	27.739	36.035	23.261	9.262	111.0	15.364	36.416	24.323	9.347	188.0	13.295	36.015	26.721	9.255
62.0	27.739	36.035	23.261	9.262	112.0	15.213	36.416	24.277	9.347	189.0	13.219	36.015	26.721	9.255
63.0	27.739	36.035	23.261	9.262	113.0	15.062	36.416	24.231	9.347	190.0	13.143	36.015	26.721	9.255
64.0	27.739	36.035	23.261	9.262	114.0	14.911	36.416	24.185	9.347	191.0	13.067	36.015	26.721	9.255
65.0	27.739	36.035	23.261	9.262	115.0	14.760	36.416	24.139	9.347	192.0	12.991	36.015	26.721	9.255
66.0	27.739	36.035	23.261	9.262	116.0	14.609	36.416	24.093	9.347	193.0	12.915	36.015	26.721	9.255
67.0	27.739	36.035	23.261	9.262	117.0	14.458	36.416	24.047	9.347	194.0	12.839	36.015	26.721	9.255
68.0	27.739	36.035	23.261	9.262	118.0	14.307	36.416	24.001	9.347	195.0	12.763	36.015	26.721	9.255
69.0	27.739	36.035	23.261	9.262	119.0	14.156	36.416	23.955	9.347	196.0	12.687	36.015	26.721	9.255
70.0	27.739	36.035	23.261	9.262	120.0	14.005	36.416	23.909	9.347	197.0	12.611	36.015	26.721	9.255
71.0	27.739	36.035	23.261	9.262	121.0	13.854	36.416	23.863	9.347	198.0	12.535	36.015	26.721	9.255
72.0	27.739	36.035	23.261	9.262	122.0	13.703	36.416	23.817	9.347	199.0	12.459	36.015	26.721	9.255
73.0	27.739	36.035	23.261	9.262	123.0	13.552	36.416	23.771	9.347	200.0	12.383	36.015	26.721	9.255
74.0	27.739	36.035	23.261	9.262	124.0	13.401	36.416	23.725	9.347	201.0	12.307	36.015	26.721	9.255
75.0	27.739	36.035	23.261	9.262	125.0	13.250	36.416	23.679	9.347	202.0	12.231	36.015	26.721	9.255
76.0	27.739	36.035	23.261	9.262	126.0	13.099	36.416</							

STATION SB003.PLT:IC CPUISE 90615 DATE & TIME Sat Oct 13 03:13:09 1990, Julian day = 296
 LAT 27 20.60 N LON 92 00.40 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

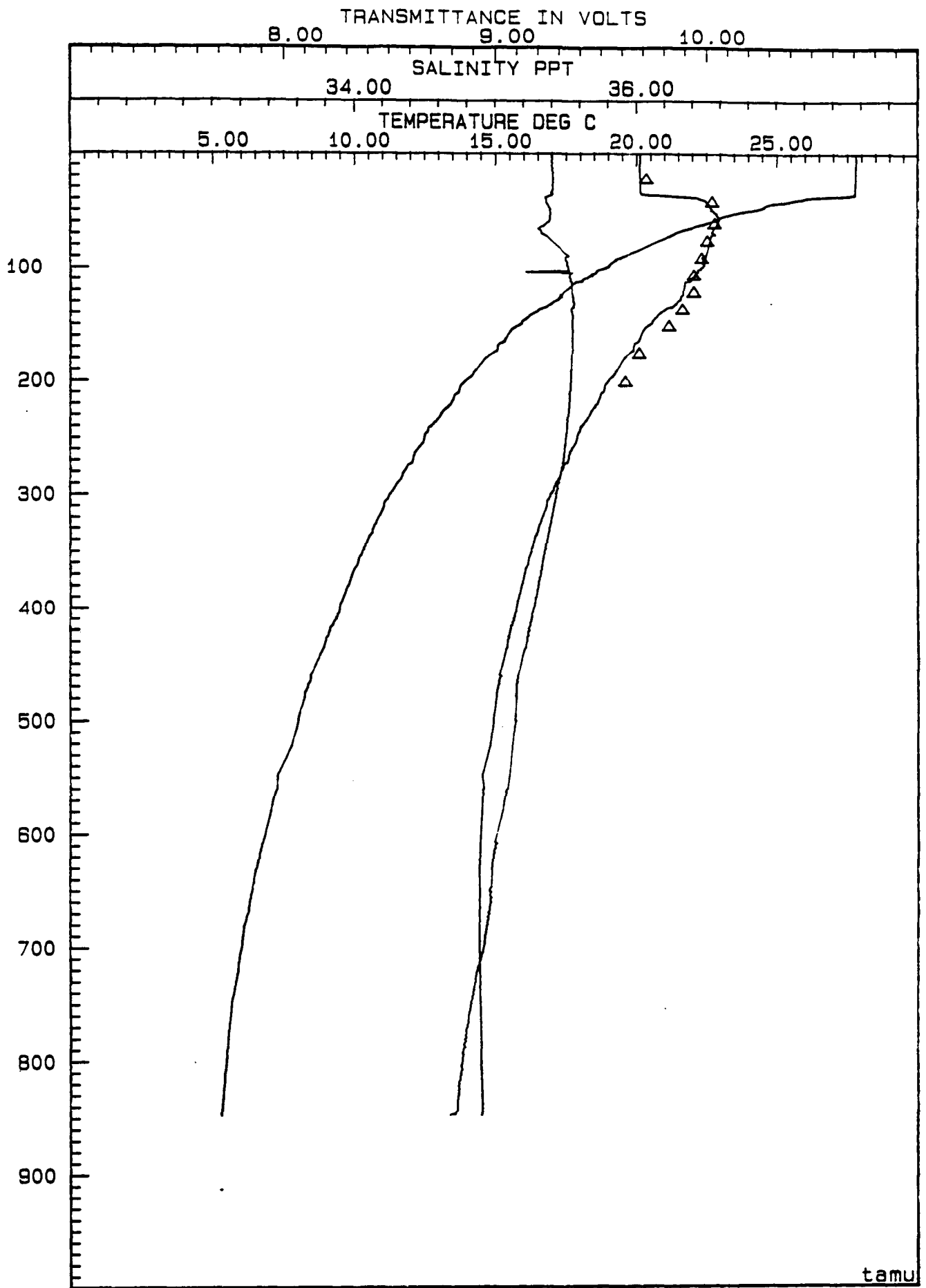
DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
202.0	13.850	35.791	26.931	9.352	254.0	12.424	35.567	26.947	9.327	304.0	11.169	35.377	27.059	9.269
203.0	13.799	35.782	26.835	9.352	255.0	12.387	35.562	26.951	9.326	305.0	11.128	35.366	27.040	9.273
204.0	13.766	35.777	26.838	9.352	256.0	12.359	35.557	26.953	9.324	306.0	11.093	35.361	27.041	9.277
205.0	13.743	35.774	26.841	9.352	257.0	12.329	35.553	26.956	9.325	307.0	11.051	35.363	27.050	9.277
206.0	13.730	35.773	26.842	9.351	258.0	12.294	35.547	26.958	9.323	308.0	11.053	35.360	27.050	9.274
207.0	13.722	35.772	26.843	9.351	259.0	12.253	35.540	26.960	9.322	309.0	11.050	35.359	27.050	9.273
208.0	13.713	35.769	26.842	9.352	260.0	12.217	35.537	26.965	9.323	310.0	11.023	35.359	27.051	9.273
209.0	13.694	35.763	26.846	9.349	261.0	12.181	35.534	26.968	9.322	311.0	11.020	35.357	27.051	9.271
210.0	13.681	35.761	26.844	9.343	262.0	12.167	35.527	26.967	9.322	312.0	11.010	35.354	27.050	9.270
211.0	13.619	35.750	26.848	9.345	263.0	12.132	35.521	26.969	9.320	313.0	10.985	35.352	27.053	9.268
212.0	13.560	35.744	26.853	9.348	264.0	12.116	35.523	26.974	9.318	314.0	10.977	35.350	27.053	9.268
213.0	13.534	35.741	26.859	9.347	265.0	12.106	35.520	26.973	9.318	315.0	10.953	35.348	27.053	9.267
214.0	13.521	35.741	26.861	9.348	266.0	12.084	35.515	26.974	9.318	316.0	10.933	35.342	27.055	9.265
215.0	13.507	35.738	26.862	9.346	267.0	12.082	35.515	26.974	9.318	317.0	10.905	35.340	27.053	9.265
216.0	13.496	35.735	26.862	9.347	268.0	12.075	35.515	26.976	9.316	318.0	10.895	35.337	27.053	9.264
217.0	13.471	35.731	26.864	9.347	269.0	12.070	35.513	26.975	9.316	319.0	10.862	35.333	27.061	9.264
218.0	13.449	35.728	26.866	9.346	270.0	12.049	35.510	26.977	9.316	320.0	10.839	35.330	27.062	9.261
219.0	13.429	35.724	26.867	9.345	271.0	12.044	35.510	26.977	9.315	321.0	10.823	35.327	27.063	9.260
220.0	13.404	35.720	26.869	9.344	272.0	12.035	35.507	26.977	9.312	322.0	10.795	35.323	27.065	9.259
221.0	13.376	35.714	26.870	9.343	273.0	11.967	35.487	26.975	9.313	323.0	10.774	35.320	27.066	9.259
222.0	13.350	35.703	26.871	9.344	274.0	11.897	35.484	26.980	9.312	324.0	10.767	35.320	27.067	9.258
223.0	13.312	35.705	26.877	9.344	275.0	11.856	35.479	26.983	9.312	325.0	10.753	35.317	27.067	9.258
224.0	13.256	35.694	26.880	9.343	276.0	11.840	35.477	26.991	9.308	326.0	10.735	35.312	27.065	9.256
225.0	13.206	35.689	26.886	9.343	277.0	11.815	35.473	26.992	9.308	327.0	10.696	35.308	27.071	9.253
226.0	13.183	35.682	26.889	9.342	278.0	11.793	35.471	26.994	9.307	328.0	10.683	35.305	27.072	9.254
227.0	13.134	35.674	26.891	9.342	279.0	11.761	35.464	26.996	9.306	329.0	10.667	35.303	27.073	9.252
228.0	13.101	35.673	26.895	9.342	280.0	11.757	35.460	26.997	9.304	330.0	10.649	35.300	27.073	9.250
229.0	13.062	35.667	26.893	9.341	281.0	11.702	35.458	27.002	9.303	331.0	10.629	35.300	27.076	9.249
230.0	13.046	35.664	26.895	9.340	282.0	11.693	35.455	27.005	9.303	332.0	10.613	35.295	27.077	9.247
231.0	13.029	35.661	26.900	9.341	283.0	11.651	35.453	27.003	9.301	333.0	10.615	35.296	27.076	9.249
232.0	13.003	35.653	26.901	9.338	284.0	11.666	35.451	27.003	9.301	334.0	10.607	35.295	27.076	9.245
233.0	12.981	35.651	26.902	9.338	285.0	11.651	35.450	27.006	9.299	335.0	10.577	35.287	27.077	9.246
234.0	12.949	35.646	26.907	9.336	286.0	11.633	35.444	27.005	9.298	336.0	10.549	35.283	27.082	9.244
235.0	12.927	35.644	26.907	9.337	287.0	11.603	35.439	27.006	9.297	337.0	10.521	35.279	27.082	9.244
236.0	12.884	35.634	26.909	9.338	288.0	11.563	35.435	27.010	9.293	338.0	10.500	35.274	27.083	9.242
237.0	12.824	35.630	26.917	9.336	289.0	11.545	35.433	27.013	9.292	339.0	10.469	35.270	27.084	9.241
238.0	12.805	35.626	26.918	9.336	290.0	11.503	35.424	27.015	9.291	340.0	10.452	35.271	27.085	9.240
239.0	12.749	35.616	26.921	9.335	291.0	11.477	35.425	27.019	9.292	341.0	10.433	35.271	27.087	9.238
240.0	12.712	35.611	26.925	9.335	292.0	11.458	35.421	27.020	9.290	342.0	10.414	35.269	27.090	9.233
241.0	12.655	35.601	26.931	9.335	293.0	11.434	35.417	27.021	9.288	343.0	10.403	35.267	27.090	9.237
242.0	12.612	35.590	26.937	9.334	294.0	11.406	35.412	27.022	9.296	344.0	10.382	35.265	27.093	9.233
243.0	12.602	35.587	26.936	9.333	295.0	11.382	35.409	27.024	9.289	345.0	10.365	35.266	27.095	9.235
244.0	12.557	35.582	26.933	9.333	296.0	11.367	35.406	27.025	9.289	346.0	10.350	35.265	27.095	9.235
245.0	12.557	35.591	26.933	9.333	297.0	11.341	35.406	27.026	9.285	347.0	10.336	35.264	27.100	9.231
246.0	12.537	35.585	26.939	9.332	298.0	11.315	35.395	27.027	9.283	348.0	10.335	35.263	27.092	9.234
247.0	12.507	35.582	26.944	9.332	299.0	11.287	35.387	27.037	9.281	349.0	10.295	35.261	27.104	9.235
248.0	12.485	35.583	26.944	9.330	300.0	11.259	35.380	27.036	9.284	350.0	10.280	35.260	27.101	9.235
249.0	12.441	35.573	26.948	9.329	301.0	11.221	35.371	27.036	9.283	351.0	10.259	35.258	27.101	9.234
250.0	12.403	35.565	26.945	9.328	302.0	11.184	35.364	27.039	9.283	352.0	10.235	35.254	27.104	9.236
251.0	12.403	35.574	26.946	9.327	303.0	11.145	35.358	27.045	9.282	353.0	10.221	35.253	27.103	9.230

STATION SB003.PLT:00 CRUISE 20615 DATE & TIME Sat Oct 13 03:13:05 1990 Julian day = 286
 LAT 27 20.60 N LON 152 00.40 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	KSM	DEPTH	TEMP	SALT	SIGMA-T	KSM	DEPTH	TEMP	SALT	SIGMA-T	KSM
355.0	10.174	35.240	27.110	9.223	405.0	9.400	35.138	27.151	9.169	477.0	8.204	35.035	27.243	9.036
356.0	10.157	35.236	27.109	9.224	406.0	9.353	35.135	27.150	9.163	484.0	8.022	34.989	27.261	9.090
357.0	10.136	35.234	27.112	9.221	407.0	9.372	35.136	27.154	9.170	485.0	8.011	34.957	27.262	9.091
358.0	10.131	35.234	27.113	9.221	408.0	9.363	35.135	27.164	9.163	486.0	7.996	34.936	27.263	9.089
359.0	10.120	35.232	27.113	9.216	409.0	9.345	35.133	27.167	9.169	487.0	7.935	34.935	27.264	9.059
360.0	10.109	35.231	27.114	9.219	410.0	9.333	35.126	27.163	9.166	488.0	7.963	34.965	27.265	9.090
361.0	10.102	35.229	27.114	9.218	411.0	9.313	35.129	27.168	9.165	489.0	7.979	34.934	27.265	9.087
362.0	10.091	35.228	27.115	9.217	412.0	9.294	35.123	27.171	9.165	490.0	7.973	34.984	27.266	9.081
363.0	10.065	35.223	27.115	9.217	413.0	9.267	35.119	27.169	9.164	505.0	7.932	34.979	27.268	9.066
364.0	10.039	35.220	27.118	9.214	414.0	9.240	35.119	27.173	9.160	522.0	7.744	34.961	27.282	9.076
365.0	10.004	35.213	27.115	9.215	415.0	9.223	35.119	27.176	9.160	545.0	7.253	34.905	27.309	9.062
366.0	9.976	35.213	27.123	9.215	416.0	9.215	35.117	27.175	9.160	560.0	7.255	34.916	27.320	9.052
367.0	9.959	35.210	27.123	9.213	417.0	9.188	35.108	27.173	9.159	561.0	7.220	34.908	27.315	9.047
368.0	9.933	35.208	27.126	9.210	418.0	9.130	35.107	27.182	9.157	562.0	7.137	34.910	27.321	9.044
369.0	9.923	35.206	27.127	9.210	419.0	9.116	35.105	27.183	9.155	563.0	7.178	34.910	27.324	9.045
370.0	9.907	35.204	27.128	9.211	420.0	9.113	35.105	27.183	9.155	564.0	7.173	34.910	27.324	9.045
371.0	9.892	35.202	27.129	9.210	421.0	9.102	35.102	27.182	9.156	569.0	7.112	34.967	27.370	9.039
372.0	9.879	35.201	27.130	9.209	422.0	9.085	35.101	27.184	9.150	579.0	7.031	34.903	27.355	9.030
373.0	9.860	35.199	27.132	9.205	423.0	9.072	35.098	27.184	9.151	607.0	6.745	34.839	27.367	8.992
374.0	9.853	35.197	27.131	9.204	424.0	9.055	35.098	27.187	9.150	608.0	6.713	34.839	27.370	9.001
375.0	9.842	35.195	27.132	9.204	425.0	9.037	35.094	27.187	9.151	609.0	6.706	34.890	27.373	9.007
376.0	9.822	35.193	27.134	9.203	426.0	9.009	35.090	27.188	9.147	610.0	6.702	34.861	27.372	8.994
377.0	9.807	35.191	27.135	9.199	427.0	8.994	35.091	27.191	9.146	611.0	6.696	34.838	27.373	8.996
378.0	9.800	35.191	27.136	9.199	427.0	8.985	35.093	27.194	9.145	612.0	6.693	34.837	27.374	8.996
379.0	9.788	35.186	27.134	9.200	429.0	8.967	35.084	27.190	9.146	613.0	6.671	34.698	27.376	8.991
380.0	9.754	35.184	27.133	9.193	434.0	8.906	35.031	27.197	9.139	614.0	6.666	34.853	27.376	8.989
381.0	9.732	35.181	27.139	9.199	435.0	8.897	35.079	27.193	9.139	615.0	6.655	34.637	27.377	8.997
382.0	9.716	35.180	27.141	9.197	436.0	8.882	35.077	27.196	9.136	616.0	6.636	34.865	27.378	8.990
383.0	9.694	35.177	27.143	9.196	437.0	8.859	35.072	27.198	9.134	617.0	6.625	34.837	27.382	8.983
384.0	9.683	35.177	27.145	9.193	438.0	8.841	35.071	27.200	9.132	618.0	6.622	34.857	27.382	8.985
385.0	9.670	35.174	27.144	9.193	439.0	8.919	35.070	27.202	9.130	619.0	6.620	34.856	27.382	8.985
386.0	9.655	35.173	27.146	9.192	460.0	8.450	35.027	27.229	9.103	620.0	6.616	34.966	27.381	8.986
387.0	9.646	35.171	27.147	9.192	461.0	8.431	35.039	27.239	9.101	621.0	6.614	34.837	27.383	8.986
388.0	9.623	35.166	27.146	9.190	462.0	8.443	35.031	27.230	9.102	622.0	6.604	34.816	27.383	8.981
389.0	9.597	35.165	27.150	9.190	463.0	8.430	35.036	27.232	9.101	627.0	6.593	34.836	27.385	8.937
390.0	9.585	35.162	27.149	9.189	464.0	8.423	35.029	27.232	9.099	624.0	6.579	34.837	27.383	8.937
391.0	9.566	35.161	27.152	9.185	465.0	8.411	35.025	27.231	9.097	625.0	6.573	34.886	27.388	8.932
392.0	9.559	35.159	27.151	9.186	466.0	8.393	35.025	27.233	9.101	626.0	6.562	34.813	27.391	8.936
393.0	9.544	35.158	27.153	9.184	467.0	8.370	35.021	27.235	9.100	627.0	6.556	34.816	27.389	8.931
394.0	9.522	35.153	27.153	9.184	468.0	8.345	35.025	27.242	9.095	628.0	6.545	34.938	27.391	8.921
395.0	9.504	35.153	27.156	9.183	469.0	8.334	35.020	27.239	9.096	629.0	6.539	34.814	27.391	8.931
396.0	9.487	35.151	27.157	9.181	470.0	8.326	35.013	27.239	9.091	630.0	6.520	34.837	27.392	8.923
397.0	9.479	35.149	27.159	9.181	471.0	8.314	35.015	27.239	9.095	631.0	6.501	34.834	27.395	8.923
398.0	9.463	35.149	27.153	9.180	472.0	8.294	35.017	27.241	9.094	632.0	6.491	34.814	27.397	8.920
399.0	9.466	35.143	27.155	9.179	473.0	8.279	35.012	27.241	9.094	637.0	6.507	34.837	27.412	8.970
400.0	9.461	35.147	27.159	9.173	474.0	8.261	35.009	27.244	9.094	641.0	6.454	34.811	27.417	8.949
401.0	9.457	35.147	27.159	9.176	475.0	8.225	35.009	27.244	9.096	642.0	6.370	34.836	27.415	8.947
402.0	9.450	35.146	27.159	9.174	476.0	8.217	35.003	27.247	9.094	643.0	6.365	34.837	27.417	8.940
403.0	9.446	35.145	27.164	9.173	477.0	8.214	35.002	27.247	9.094	644.0	6.354	34.811	27.417	8.934
404.0	9.440	35.141	27.159	9.172	478.0	8.209	35.000	27.244	9.094	645.0	6.346	34.811	27.412	8.934

STATION SE003.FLT:C CRUISE 90615 DATE & TIME Sat Oct 13 03:13:05 1990, Julian day = 236
 LAT 27 20.60 N LON 92 00.40 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
653.0	6.334	34.884	27.418	8.969	703.0	5.967	34.884	27.466	8.937	753.0	5.636	34.893	27.514	8.879
654.0	6.324	34.885	27.420	8.969	704.0	5.961	34.885	27.466	8.936	754.0	5.636	34.893	27.513	8.876
655.0	6.321	34.885	27.420	8.972	705.0	5.945	34.885	27.469	8.933	755.0	5.634	34.892	27.513	8.877
656.0	6.316	34.884	27.420	8.975	706.0	5.937	34.886	27.472	8.930	756.0	5.629	34.892	27.514	8.874
657.0	6.299	34.883	27.422	8.971	707.0	5.934	34.885	27.471	8.929	757.0	5.624	34.892	27.515	8.872
658.0	6.289	34.883	27.423	8.970	708.0	5.928	34.887	27.473	8.929	758.0	5.622	34.892	27.515	8.871
659.0	6.283	34.883	27.424	8.972	709.0	5.922	34.883	27.471	8.927	759.0	5.615	34.893	27.517	8.870
660.0	6.280	34.883	27.425	8.974	710.0	5.917	34.885	27.473	8.926	760.0	5.609	34.893	27.518	8.868
661.0	6.278	34.883	27.424	8.971	711.0	5.915	34.885	27.473	8.926	761.0	5.604	34.893	27.518	8.869
662.0	6.274	34.882	27.425	8.970	712.0	5.911	34.885	27.473	8.923	762.0	5.600	34.894	27.520	8.868
663.0	6.261	34.884	27.423	8.970	713.0	5.903	34.885	27.474	8.922	763.0	5.596	34.892	27.519	8.868
664.0	6.254	34.883	27.428	8.967	714.0	5.892	34.886	27.476	8.919	764.0	5.588	34.893	27.520	8.867
665.0	6.247	34.887	27.432	8.966	715.0	5.889	34.886	27.477	8.916	765.0	5.583	34.893	27.521	8.863
666.0	6.246	34.885	27.430	8.965	716.0	5.887	34.885	27.477	8.916	766.0	5.576	34.894	27.522	8.869
667.0	6.246	34.882	27.423	8.967	717.0	5.884	34.886	27.478	8.913	767.0	5.572	34.894	27.522	8.867
668.0	6.243	34.879	27.426	8.965	718.0	5.878	34.886	27.479	8.911	768.0	5.566	34.893	27.523	8.863
669.0	6.228	34.882	27.430	8.961	719.0	5.876	34.886	27.478	8.912	769.0	5.564	34.895	27.525	8.863
670.0	6.205	34.882	27.433	8.965	720.0	5.871	34.886	27.480	8.910	770.0	5.563	34.895	27.525	8.864
671.0	6.192	34.881	27.434	8.964	721.0	5.866	34.886	27.480	8.908	771.0	5.555	34.894	27.525	8.860
672.0	6.170	34.882	27.438	8.961	722.0	5.860	34.886	27.480	8.906	772.0	5.546	34.895	27.527	8.858
673.0	6.161	34.884	27.441	8.957	723.0	5.852	34.886	27.481	8.905	773.0	5.542	34.896	27.528	8.856
674.0	6.157	34.884	27.441	8.960	724.0	5.844	34.886	27.483	8.904	774.0	5.539	34.895	27.528	8.859
675.0	6.152	34.882	27.440	8.962	725.0	5.833	34.887	27.485	8.903	775.0	5.536	34.896	27.529	8.859
676.0	6.133	34.883	27.443	8.957	726.0	5.825	34.887	27.486	8.902	776.0	5.534	34.895	27.529	8.857
677.0	6.135	34.883	27.443	8.957	727.0	5.821	34.886	27.486	8.900	777.0	5.523	34.896	27.530	8.854
678.0	6.126	34.882	27.444	8.956	728.0	5.809	34.887	27.488	8.901	778.0	5.527	34.896	27.530	8.858
679.0	6.118	34.884	27.446	8.960	729.0	5.795	34.886	27.489	8.901	779.0	5.523	34.896	27.530	8.857
680.0	6.093	34.884	27.449	8.957	730.0	5.786	34.889	27.492	8.901	780.0	5.519	34.896	27.531	8.851
681.0	6.090	34.885	27.450	8.954	731.0	5.786	34.883	27.492	8.897	781.0	5.517	34.896	27.531	8.853
682.0	6.087	34.885	27.451	8.954	732.0	5.783	34.883	27.492	8.897	782.0	5.515	34.896	27.532	8.855
683.0	6.084	34.883	27.450	8.955	733.0	5.777	34.883	27.492	8.898	783.0	5.512	34.896	27.532	8.852
684.0	6.084	34.883	27.450	8.952	734.0	5.769	34.883	27.494	8.896	784.0	5.503	34.896	27.533	8.848
685.0	6.075	34.882	27.450	8.952	735.0	5.761	34.883	27.495	8.896	785.0	5.507	34.896	27.533	8.845
686.0	6.064	34.884	27.453	8.950	736.0	5.755	34.883	27.496	8.894	786.0	5.506	34.897	27.533	8.848
687.0	6.052	34.884	27.454	8.950	737.0	5.753	34.883	27.497	8.896	787.0	5.505	34.896	27.533	8.851
688.0	6.054	34.883	27.454	8.950	738.0	5.743	34.883	27.496	8.894	788.0	5.499	34.896	27.535	8.843
689.0	6.051	34.884	27.455	8.947	739.0	5.739	34.883	27.496	8.892	789.0	5.492	34.897	27.535	8.845
690.0	6.044	34.883	27.455	8.945	740.0	5.732	34.883	27.500	8.892	790.0	5.489	34.897	27.535	8.845
691.0	6.039	34.885	27.457	8.947	741.0	5.725	34.883	27.500	8.893	791.0	5.483	34.897	27.535	8.846
692.0	6.039	34.882	27.455	8.947	742.0	5.713	34.886	27.501	8.891	792.0	5.487	34.897	27.536	8.842
693.0	6.027	34.885	27.455	8.946	743.0	5.695	34.890	27.504	8.897	793.0	5.480	34.897	27.536	8.841
694.0	6.021	34.885	27.455	8.944	744.0	5.683	34.891	27.506	8.883	794.0	5.487	34.897	27.536	8.845
695.0	6.015	34.884	27.459	8.945	745.0	5.680	34.891	27.507	8.887	795.0	5.487	34.897	27.537	8.844
696.0	6.016	34.885	27.458	8.944	746.0	5.671	34.891	27.503	8.886	796.0	5.483	34.897	27.536	8.843
697.0	6.015	34.884	27.455	8.944	747.0	5.661	34.891	27.509	8.884	797.0	5.476	34.897	27.537	8.841
698.0	6.016	34.883	27.459	8.942	748.0	5.650	34.891	27.510	8.880	798.0	5.473	34.896	27.537	8.841
699.0	6.000	34.883	27.461	8.941	749.0	5.643	34.891	27.513	8.883	799.0	5.469	34.897	27.535	8.842
700.0	5.982	34.884	27.462	8.940	750.0	5.644	34.892	27.512	8.880	800.0	5.464	34.899	27.540	8.840
701.0	5.997	34.884	27.462	8.940	751.0	5.640	34.891	27.517	8.877	801.0	5.460	34.897	27.540	8.840
702.0	5.972	34.883	27.464	8.937	752.0	5.637	34.891	27.517	8.879	802.0	5.455	34.899	27.540	8.839



CRUISE: 90G15 STATION: SB003.PL DATE: Oct 13 03: 13: 05 1990
 LATITUDE: 27 20.60 N LONGITUDE: 92 00.40 W
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION 58005.PLT CRUISE 90G15 DATE & TIME Sat Oct 13 01:20:03 1990, Julian day = 286
 LAT 27 01.30 N LON 91 18.45 W DEPTH OFF SET 0.0 SALINITY OFF SET .0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
218.0	13.727	35.773	26.843	9.346	284.0	11.904	35.490	26.989	9.337	334.0	10.812	35.334	27.071	9.319
219.0	13.706	35.773	26.847	9.347	285.0	11.864	35.482	26.990	9.336	335.0	10.803	35.332	27.071	9.318
220.0	13.671	35.767	26.851	9.347	286.0	11.840	35.479	26.993	9.337	336.0	10.795	35.332	27.072	9.317
221.0	13.654	35.761	26.849	9.346	287.0	11.824	35.477	26.994	9.337	337.0	10.785	35.329	27.071	9.317
222.0	13.615	35.758	26.854	9.347	288.0	11.804	35.475	26.996	9.337	338.0	10.756	35.324	27.073	9.316
223.0	13.573	35.745	26.853	9.345	289.0	11.799	35.474	26.997	9.336	339.0	10.726	35.321	27.076	9.317
224.0	13.527	35.741	26.860	9.346	290.0	11.789	35.471	26.996	9.336	340.0	10.714	35.319	27.077	9.317
225.0	13.493	35.739	26.866	9.345	291.0	11.756	35.465	26.997	9.336	341.0	10.691	35.315	27.077	9.317
226.0	13.475	35.735	26.866	9.348	292.0	11.730	35.462	27.000	9.336	342.0	10.667	35.311	27.079	9.316
229.0	13.420	35.732	26.875	9.346	293.0	11.714	35.463	27.004	9.335	343.0	10.633	35.305	27.080	9.315
230.0	13.431	35.728	26.870	9.346	294.0	11.687	35.451	27.000	9.336	344.0	10.601	35.304	27.085	9.315
231.0	13.378	35.719	26.874	9.346	295.0	11.661	35.454	27.007	9.335	345.0	10.587	35.300	27.084	9.315
241.0	13.346	35.685	26.854	9.346	296.0	11.642	35.449	27.007	9.334	346.0	10.570	35.297	27.085	9.311
242.0	13.174	35.686	26.890	9.346	297.0	11.615	35.443	27.009	9.334	347.0	10.537	35.292	27.087	9.314
243.0	13.037	35.667	26.903	9.346	298.0	11.590	35.442	27.011	9.334	348.0	10.496	35.287	27.090	9.313
244.0	13.020	35.659	26.900	9.343	299.0	11.570	35.440	27.013	9.333	349.0	10.475	35.287	27.094	9.313
245.0	12.965	35.658	26.911	9.345	300.0	11.561	35.437	27.013	9.333	350.0	10.469	35.286	27.094	9.312
246.0	12.964	35.656	26.909	9.343	301.0	11.520	35.429	27.014	9.331	351.0	10.465	35.286	27.095	9.312
247.0	12.937	35.645	26.906	9.345	302.0	11.476	35.426	27.020	9.332	352.0	10.451	35.281	27.093	9.312
248.0	12.892	35.643	26.914	9.343	303.0	11.451	35.423	27.022	9.330	353.0	10.398	35.273	27.096	9.311
250.0	12.862	35.641	26.918	9.345	304.0	11.422	35.419	27.025	9.329	354.0	10.361	35.272	27.103	9.313
251.0	12.799	35.623	26.917	9.344	305.0	11.409	35.415	27.024	9.328	355.0	10.354	35.270	27.102	9.310
252.0	12.754	35.623	26.926	9.343	306.0	11.385	35.413	27.027	9.326	356.0	10.341	35.268	27.102	9.309
257.0	12.622	35.600	26.934	9.344	307.0	11.358	35.408	27.028	9.329	357.0	10.319	35.263	27.103	9.310
258.0	12.594	35.598	26.938	9.343	308.0	11.320	35.404	27.032	9.329	358.0	10.284	35.259	27.106	9.309
259.0	12.575	35.593	26.938	9.343	309.0	11.301	35.402	27.034	9.327	359.0	10.262	35.255	27.107	9.309
260.0	12.538	35.587	26.941	9.342	310.0	11.276	35.398	27.036	9.327	360.0	10.235	35.252	27.109	9.307
261.0	12.512	35.586	26.945	9.343	311.0	11.259	35.396	27.037	9.327	361.0	10.215	35.248	27.109	9.307
262.0	12.491	35.580	26.945	9.341	312.0	11.243	35.394	27.039	9.327	362.0	10.179	35.246	27.114	9.306
263.0	12.466	35.576	26.947	9.343	313.0	11.231	35.391	27.038	9.324	363.0	10.175	35.246	27.114	9.308
264.0	12.446	35.576	26.950	9.342	314.0	11.209	35.388	27.040	9.327	364.0	10.168	35.244	27.114	9.307
265.0	12.419	35.571	26.952	9.342	315.0	11.190	35.385	27.041	9.327	365.0	10.158	35.242	27.114	9.307
266.0	12.385	35.563	26.952	9.342	316.0	11.174	35.381	27.041	9.326	366.0	10.150	35.240	27.114	9.307
267.0	12.355	35.561	26.956	9.341	317.0	11.151	35.379	27.044	9.326	367.0	10.135	35.236	27.114	9.305
268.0	12.339	35.556	26.956	9.341	318.0	11.132	35.377	27.046	9.325	368.0	10.110	35.235	27.117	9.306
269.0	12.316	35.555	26.960	9.341	319.0	11.104	35.370	27.046	9.324	369.0	10.085	35.228	27.116	9.304
270.0	12.295	35.551	26.960	9.342	320.0	11.064	35.367	27.051	9.323	370.0	10.042	35.226	27.121	9.305
271.0	12.272	35.545	26.960	9.342	321.0	11.045	35.364	27.051	9.325	371.0	10.029	35.224	27.123	9.305
272.0	12.221	35.537	26.955	9.340	322.0	11.022	35.362	27.054	9.325	372.0	10.005	35.219	27.123	9.304
273.0	12.192	35.535	26.968	9.342	323.0	11.008	35.360	27.055	9.323	373.0	9.973	35.214	27.125	9.303
274.0	12.145	35.523	26.968	9.339	324.0	11.003	35.358	27.055	9.324	374.0	9.942	35.212	27.128	9.304
275.0	12.105	35.521	26.975	9.341	325.0	10.997	35.356	27.056	9.324	375.0	9.924	35.205	27.126	9.303
276.0	12.081	35.520	26.978	9.341	326.0	10.990	35.356	27.055	9.322	376.0	9.881	35.202	27.130	9.303
277.0	12.069	35.515	26.977	9.334	327.0	10.971	35.353	27.057	9.322	377.0	9.854	35.196	27.130	9.302
278.0	12.044	35.512	26.979	9.338	328.0	10.949	35.349	27.057	9.323	378.0	9.816	35.194	27.135	9.301
279.0	12.027	35.509	26.980	9.339	329.0	10.924	35.346	27.060	9.322	379.0	9.802	35.191	27.136	9.303
280.0	12.003	35.503	26.980	9.340	330.0	10.896	35.343	27.062	9.321	380.0	9.758	35.186	27.137	9.301
281.0	11.966	35.497	26.983	9.338	331.0	10.875	35.339	27.063	9.320	381.0	9.741	35.184	27.141	9.295
282.0	11.935	35.492	26.988	9.338	332.0	10.849	35.337	27.066	9.322	382.0	9.724	35.183	27.142	9.299
283.0	11.923	35.495	26.989	9.339	333.0	10.830	35.335	27.069	9.320	383.0	9.705	35.180	27.145	9.296

STATION SBU05.PLT CRUISE 90G15 DATE & TIME Sat Oct 13 01:20:03 1990, Julian day = 286
 LAT 27 01.30 N LON 91 18.45 W DEPTH OFF SET 0.0 SALINITY OFF SET .0

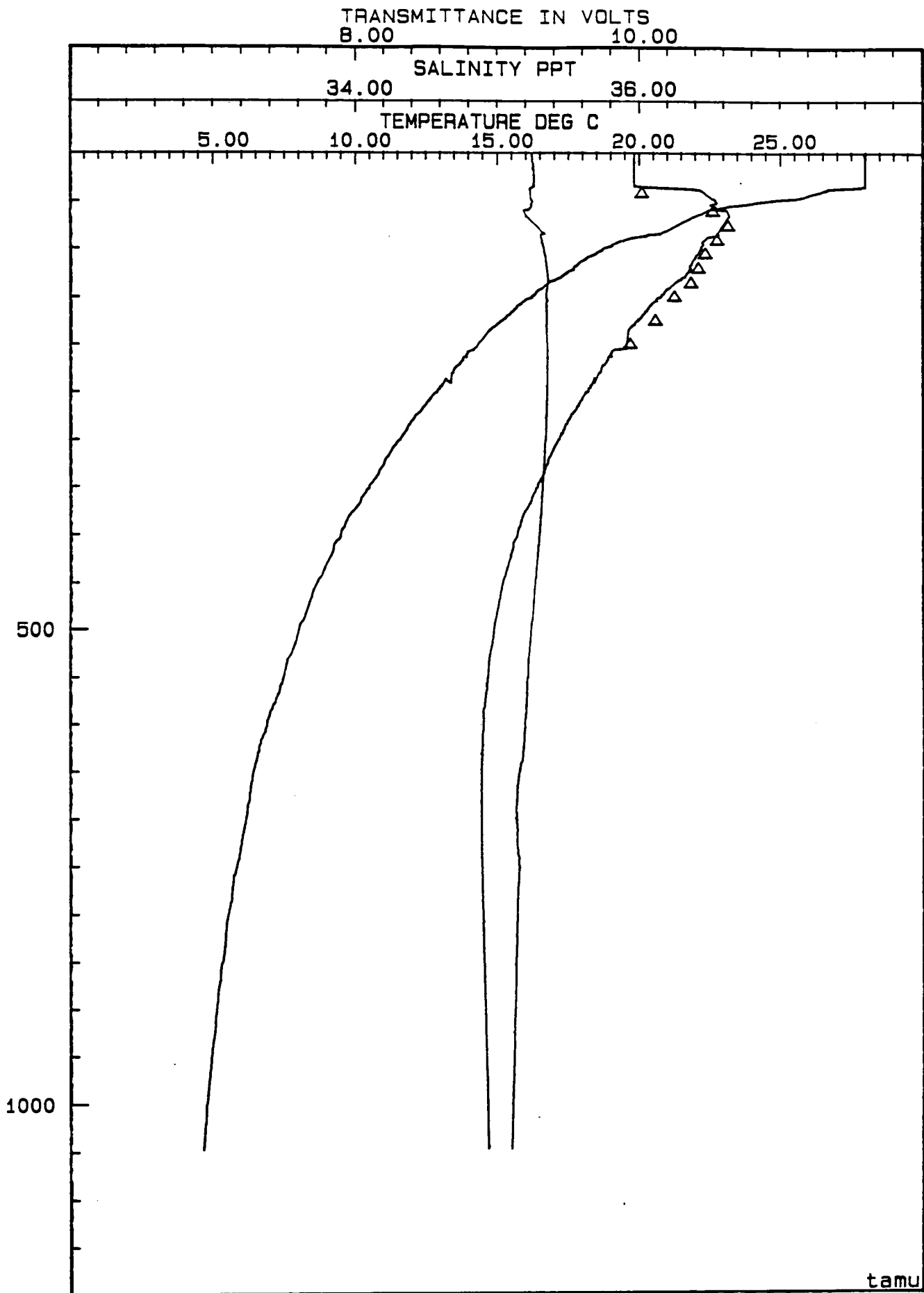
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
384.0	9.689	35.177	27.144	9.297	532.0	7.568	34.945	27.295	9.210	615.0	6.682	34.897	27.381	9.180
385.0	9.673	35.176	27.146	9.296	551.0	7.421	34.935	27.308	9.205	616.0	6.658	34.896	27.384	9.179
386.0	9.660	35.172	27.144	9.296	552.0	7.415	34.934	27.308	9.202	617.0	6.646	34.898	27.387	9.177
387.0	9.638	35.170	27.147	9.296	557.0	7.371	34.931	27.312	9.198	618.0	6.643	34.898	27.388	9.179
388.0	9.626	35.167	27.146	9.296	558.0	7.349	34.927	27.312	9.201	619.0	6.643	34.897	27.387	9.179
389.0	9.607	35.166	27.149	9.295	560.0	7.318	34.929	27.318	9.200	620.0	6.636	34.897	27.388	9.178
390.0	9.595	35.165	27.150	9.294	561.0	7.308	34.926	27.317	9.200	621.0	6.629	34.896	27.388	9.177
391.0	9.591	35.164	27.150	9.295	563.0	7.303	34.929	27.320	9.199	622.0	6.611	34.895	27.390	9.177
392.0	9.574	35.161	27.151	9.293	567.0	7.271	34.924	27.321	9.198	623.0	6.590	34.900	27.396	9.175
393.0	9.564	35.159	27.150	9.293	568.0	7.242	34.922	27.323	9.200	624.0	6.585	34.896	27.394	9.175
394.0	9.531	35.154	27.152	9.291	574.0	7.162	34.917	27.331	9.196	625.0	6.585	34.895	27.394	9.174
395.0	9.500	35.151	27.155	9.291	576.0	7.151	34.918	27.333	9.196	626.0	6.584	34.896	27.394	9.175
396.0	9.481	35.150	27.157	9.293	577.0	7.134	34.916	27.335	9.196	627.0	6.584	34.895	27.394	9.175
397.0	9.470	35.148	27.158	9.291	578.0	7.114	34.914	27.335	9.196	628.0	6.581	34.895	27.394	9.173
398.0	9.461	35.147	27.158	9.291	579.0	7.080	34.914	27.340	9.196	629.0	6.572	34.893	27.393	9.172
399.0	9.454	35.145	27.158	9.291	580.0	7.068	34.913	27.342	9.194	630.0	6.548	34.895	27.398	9.171
400.0	9.448	35.145	27.159	9.288	581.0	7.061	34.913	27.342	9.196	631.0	6.540	34.893	27.397	9.169
401.0	9.445	35.144	27.158	9.288	582.0	7.050	34.913	27.344	9.193	632.0	6.532	34.888	27.395	9.171
402.0	9.439	35.143	27.159	9.288	583.0	7.043	34.912	27.344	9.195	633.0	6.528	34.895	27.401	9.170
403.0	9.428	35.140	27.159	9.288	584.0	7.032	34.909	27.343	9.195	634.0	6.523	34.894	27.401	9.170
404.0	9.407	35.137	27.159	9.286	585.0	7.009	34.905	27.343	9.194	635.0	6.520	34.893	27.400	9.170
405.0	9.387	35.133	27.160	9.286	586.0	6.984	34.903	27.345	9.195	636.0	6.513	34.893	27.401	9.169
406.0	9.333	35.128	27.164	9.285	587.0	6.967	34.903	27.348	9.194	637.0	6.504	34.893	27.402	9.167
407.0	9.300	35.123	27.166	9.285	588.0	6.960	34.904	27.349	9.194	638.0	6.492	34.891	27.403	9.166
408.0	9.276	35.121	27.169	9.285	589.0	6.955	34.902	27.348	9.192	639.0	6.480	34.892	27.405	9.166
409.0	9.241	35.117	27.171	9.284	590.0	6.949	34.903	27.350	9.192	640.0	6.470	34.892	27.406	9.164
410.0	9.214	35.115	27.174	9.284	591.0	6.943	34.904	27.351	9.191	641.0	6.456	34.891	27.407	9.158
411.0	9.212	35.115	27.174	9.283	592.0	6.934	34.902	27.352	9.190	642.0	6.443	34.891	27.409	9.156
412.0	9.206	35.114	27.175	9.280	593.0	6.918	34.903	27.354	9.191	643.0	6.439	34.892	27.410	9.153
413.0	9.201	35.114	27.176	9.282	594.0	6.908	34.904	27.357	9.191	644.0	6.434	34.892	27.411	9.154
414.0	9.199	35.113	27.175	9.281	595.0	6.891	34.905	27.359	9.188	645.0	6.429	34.891	27.411	9.153
415.0	9.197	35.112	27.175	9.281	596.0	6.874	34.906	27.363	9.186	646.0	6.420	34.891	27.412	9.153
416.0	9.190	35.110	27.175	9.280	597.0	6.870	34.906	27.363	9.186	647.0	6.405	34.891	27.414	9.150
417.0	9.170	35.110	27.177	9.280	598.0	6.869	34.905	27.363	9.186	648.0	6.400	34.890	27.414	9.152
418.0	9.167	35.106	27.175	9.279	599.0	6.865	34.905	27.363	9.185	649.0	6.396	34.887	27.413	9.149
419.0	9.154	35.105	27.176	9.277	600.0	6.860	34.905	27.363	9.185	650.0	6.382	34.892	27.418	9.150
420.0	9.134	35.104	27.178	9.277	601.0	6.856	34.905	27.364	9.186	651.0	6.379	34.890	27.417	9.148
422.0	9.110	35.096	27.176	9.277	602.0	6.845	34.904	27.365	9.185	652.0	6.373	34.890	27.417	9.145
423.0	9.090	35.099	27.182	9.277	603.0	6.834	34.903	27.366	9.186	653.0	6.368	34.889	27.418	9.142
434.0	8.893	35.076	27.195	9.269	604.0	6.820	34.903	27.368	9.185	654.0	6.360	34.891	27.420	9.141
435.0	8.884	35.074	27.195	9.269	605.0	6.811	34.903	27.369	9.183	655.0	6.354	34.890	27.420	9.143
444.0	8.742	35.056	27.204	9.264	606.0	6.808	34.904	27.370	9.183	656.0	6.350	34.890	27.421	9.141
445.0	8.713	35.053	27.206	9.264	607.0	6.805	34.903	27.370	9.183	657.0	6.349	34.891	27.421	9.140
449.0	8.644	35.045	27.210	9.260	608.0	6.797	34.900	27.370	9.182	658.0	6.347	34.890	27.421	9.141
457.0	8.496	35.032	27.224	9.255	609.0	6.793	34.901	27.372	9.182	659.0	6.344	34.890	27.421	9.138
469.0	8.360	35.017	27.233	9.249	610.0	6.757	34.899	27.373	9.182	660.0	6.331	34.890	27.423	9.141
491.0	8.121	34.999	27.248	9.237	611.0	6.737	34.893	27.375	9.182	661.0	6.323	34.890	27.424	9.136
495.0	8.016	34.984	27.254	9.232	612.0	6.722	34.897	27.376	9.182	662.0	6.315	34.890	27.425	9.135
514.0	7.846	34.968	27.272	9.222	613.0	6.707	34.895	27.379	9.181	663.0	6.309	34.890	27.426	9.135
527.0	7.682	34.951	27.285	9.214	614.0	6.698	34.897	27.380	9.181	664.0	6.302	34.889	27.426	9.136

STATION SB005.PLT CRUISE 90G15 DATE & TIME Sat Oct 13 01:20:03 1990, Julian day = 286
 LAT 27 01.30 N LON 91 18.45 W DEPTH OFF SET 0.0 SALINITY OFF SET .0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
665.0	6.298	34.890	27.427	9.132	715.0	6.027	34.890	27.463	9.131	765.0	5.681	34.895	27.511	9.140
666.0	6.297	34.890	27.427	9.131	716.0	6.016	34.891	27.464	9.128	766.0	5.675	34.897	27.512	9.140
667.0	6.295	34.890	27.428	9.132	717.0	6.010	34.891	27.466	9.131	767.0	5.673	34.897	27.512	9.141
668.0	6.292	34.890	27.428	9.132	718.0	6.005	34.891	27.466	9.130	768.0	5.670	34.897	27.513	9.138
669.0	6.291	34.889	27.428	9.130	719.0	6.003	34.891	27.466	9.132	769.0	5.668	34.897	27.513	9.140
670.0	6.289	34.889	27.428	9.130	720.0	5.998	34.890	27.466	9.131	770.0	5.666	34.896	27.513	9.139
671.0	6.283	34.888	27.428	9.130	721.0	5.991	34.890	27.468	9.132	771.0	5.657	34.897	27.515	9.137
672.0	6.267	34.889	27.431	9.131	722.0	5.979	34.891	27.469	9.131	772.0	5.654	34.897	27.515	9.137
673.0	6.262	34.889	27.432	9.132	723.0	5.977	34.891	27.470	9.129	773.0	5.651	34.897	27.516	9.136
674.0	6.262	34.889	27.432	9.130	724.0	5.975	34.892	27.470	9.130	774.0	5.649	34.896	27.515	9.137
675.0	6.259	34.890	27.432	9.130	725.0	5.975	34.891	27.470	9.132	775.0	5.642	34.898	27.517	9.136
676.0	6.259	34.889	27.432	9.128	726.0	5.972	34.891	27.470	9.132	776.0	5.638	34.898	27.518	9.136
677.0	6.258	34.890	27.433	9.129	727.0	5.966	34.890	27.471	9.132	777.0	5.638	34.896	27.518	9.136
678.0	6.258	34.890	27.432	9.130	728.0	5.953	34.891	27.473	9.132	778.0	5.637	34.898	27.518	9.137
679.0	6.256	34.890	27.433	9.129	729.0	5.944	34.890	27.474	9.132	779.0	5.634	34.898	27.519	9.135
680.0	6.250	34.890	27.434	9.127	730.0	5.934	34.891	27.475	9.133	780.0	5.631	34.898	27.519	9.136
681.0	6.238	34.889	27.434	9.128	731.0	5.929	34.890	27.475	9.133	781.0	5.630	34.898	27.519	9.134
682.0	6.230	34.889	27.435	9.130	732.0	5.925	34.891	27.477	9.135	782.0	5.630	34.898	27.519	9.134
683.0	6.216	34.888	27.437	9.127	733.0	5.922	34.891	27.477	9.136	783.0	5.627	34.898	27.519	9.135
684.0	6.204	34.889	27.439	9.126	734.0	5.919	34.891	27.478	9.136	784.0	5.626	34.898	27.520	9.135
685.0	6.197	34.889	27.439	9.126	735.0	5.917	34.891	27.478	9.136	785.0	5.624	34.897	27.519	9.133
686.0	6.191	34.889	27.441	9.126	736.0	5.909	34.891	27.478	9.134	786.0	5.616	34.897	27.520	9.133
687.0	6.187	34.889	27.441	9.125	737.0	5.901	34.892	27.481	9.137	787.0	5.596	34.897	27.522	9.132
688.0	6.182	34.889	27.442	9.123	738.0	5.898	34.890	27.479	9.136	788.0	5.586	34.900	27.526	9.131
689.0	6.176	34.890	27.443	9.121	739.0	5.894	34.892	27.481	9.139	789.0	5.581	34.900	27.527	9.132
690.0	6.173	34.889	27.443	9.123	740.0	5.890	34.892	27.481	9.143	790.0	5.575	34.899	27.527	9.133
691.0	6.172	34.889	27.443	9.122	741.0	5.887	34.892	27.482	9.144	791.0	5.569	34.899	27.528	9.132
692.0	6.170	34.889	27.444	9.123	742.0	5.878	34.891	27.482	9.145	792.0	5.565	34.900	27.528	9.132
693.0	6.169	34.889	27.443	9.123	743.0	5.861	34.893	27.486	9.143	793.0	5.557	34.901	27.530	9.133
694.0	6.166	34.889	27.444	9.122	744.0	5.852	34.892	27.487	9.143	794.0	5.552	34.900	27.530	9.133
695.0	6.158	34.889	27.445	9.127	745.0	5.847	34.893	27.488	9.142	795.0	5.543	34.900	27.531	9.132
696.0	6.153	34.890	27.446	9.128	746.0	5.831	34.892	27.490	9.143	796.0	5.532	34.901	27.533	9.131
697.0	6.149	34.889	27.446	9.127	747.0	5.821	34.893	27.491	9.142	797.0	5.528	34.901	27.534	9.131
698.0	6.141	34.890	27.448	9.127	748.0	5.816	34.894	27.492	9.144	798.0	5.523	34.901	27.535	9.131
699.0	6.133	34.890	27.449	9.123	749.0	5.815	34.893	27.492	9.143	799.0	5.517	34.902	27.536	9.130
700.0	6.126	34.890	27.450	9.121	750.0	5.803	34.893	27.493	9.144	800.0	5.505	34.902	27.537	9.131
701.0	6.121	34.890	27.450	9.127	751.0	5.792	34.894	27.496	9.146	801.0	5.500	34.902	27.538	9.131
702.0	6.115	34.890	27.451	9.129	752.0	5.784	34.894	27.497	9.145	802.0	5.496	34.902	27.539	9.130
703.0	6.112	34.889	27.451	9.126	753.0	5.779	34.894	27.497	9.144	803.0	5.491	34.902	27.540	9.130
704.0	6.108	34.889	27.452	9.125	754.0	5.770	34.893	27.498	9.145	804.0	5.482	34.902	27.540	9.132
705.0	6.098	34.889	27.453	9.128	755.0	5.762	34.895	27.500	9.144	805.0	5.472	34.902	27.542	9.133
706.0	6.087	34.892	27.456	9.129	756.0	5.755	34.894	27.500	9.143	806.0	5.468	34.903	27.543	9.131
707.0	6.086	34.890	27.455	9.129	757.0	5.744	34.894	27.502	9.142	807.0	5.464	34.903	27.544	9.131
708.0	6.079	34.890	27.456	9.129	758.0	5.734	34.893	27.502	9.142	808.0	5.454	34.902	27.547	9.130
709.0	6.074	34.890	27.456	9.131	759.0	5.700	34.895	27.503	9.142	809.0	5.451	34.902	27.544	9.130
710.0	6.063	34.889	27.457	9.130	760.0	5.701	34.894	27.503	9.142	810.0	5.453	34.900	27.542	9.130
711.0	6.057	34.891	27.460	9.131	761.0	5.691	34.897	27.511	9.143	811.0	5.449	34.902	27.545	9.130
712.0	6.055	34.891	27.459	9.133	762.0	5.691	34.896	27.510	9.142	812.0	5.446	34.903	27.546	9.130
713.0	6.053	34.890	27.459	9.132	763.0	5.691	34.896	27.510	9.141	813.0	5.440	34.904	27.547	9.130
714.0	6.039	34.890	27.461	9.131	764.0	5.661	34.897	27.512	9.142	814.0	5.439	34.904	27.547	9.128

STATION SB005.PLT CRUISE 90G15 DATE & TIME Sat Oct 13 01:20:03 1990, Julian day = 286
 LAT 27 01.30 N LON 91 18.45 W DEPTH OFF SET 0.0 SALINITY OFF SET .0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
815.0	5.436	34.904	27.547	9.129	865.0	5.241	34.912	27.577	9.121	915.0	5.064	34.920	27.604	9.113
816.0	5.432	34.905	27.549	9.129	866.0	5.238	34.913	27.578	9.122	916.0	5.063	34.919	27.604	9.112
817.0	5.427	34.904	27.548	9.128	867.0	5.239	34.912	27.577	9.120	917.0	5.059	34.920	27.605	9.113
818.0	5.424	34.904	27.549	9.128	868.0	5.238	34.912	27.577	9.123	918.0	5.058	34.920	27.605	9.112
819.0	5.422	34.905	27.550	9.128	869.0	5.227	34.912	27.579	9.121	919.0	5.056	34.920	27.605	9.113
820.0	5.422	34.905	27.550	9.129	870.0	5.220	34.912	27.580	9.121	920.0	5.054	34.920	27.606	9.113
821.0	5.422	34.905	27.550	9.126	871.0	5.219	34.913	27.580	9.121	921.0	5.052	34.920	27.606	9.113
822.0	5.420	34.905	27.551	9.127	872.0	5.214	34.913	27.581	9.123	922.0	5.049	34.920	27.607	9.113
823.0	5.420	34.904	27.549	9.127	873.0	5.202	34.912	27.582	9.122	923.0	5.043	34.919	27.606	9.113
824.0	5.418	34.904	27.550	9.126	874.0	5.194	34.914	27.584	9.121	924.0	5.037	34.920	27.608	9.108
825.0	5.415	34.905	27.551	9.128	875.0	5.189	34.914	27.585	9.121	925.0	5.031	34.920	27.609	9.111
826.0	5.414	34.904	27.550	9.128	876.0	5.184	34.914	27.585	9.120	926.0	5.026	34.921	27.610	9.113
827.0	5.411	34.905	27.551	9.128	877.0	5.181	34.913	27.585	9.120	927.0	5.021	34.921	27.610	9.113
828.0	5.407	34.905	27.552	9.127	878.0	5.172	34.914	27.587	9.120	928.0	5.018	34.922	27.612	9.112
829.0	5.405	34.905	27.552	9.127	879.0	5.163	34.916	27.590	9.121	929.0	5.015	34.921	27.611	9.112
830.0	5.401	34.905	27.552	9.128	880.0	5.161	34.915	27.589	9.119	930.0	5.011	34.921	27.612	9.113
831.0	5.397	34.906	27.554	9.128	881.0	5.158	34.916	27.590	9.119	931.0	5.004	34.922	27.613	9.113
832.0	5.397	34.905	27.553	9.128	882.0	5.158	34.915	27.589	9.120	932.0	5.000	34.922	27.614	9.111
833.0	5.392	34.906	27.554	9.126	883.0	5.155	34.915	27.590	9.121	933.0	4.991	34.922	27.615	9.111
834.0	5.387	34.906	27.555	9.127	884.0	5.153	34.916	27.591	9.120	934.0	4.985	34.923	27.616	9.111
835.0	5.382	34.906	27.556	9.126	885.0	5.151	34.916	27.592	9.120	935.0	4.981	34.924	27.617	9.114
836.0	5.378	34.907	27.557	9.126	886.0	5.152	34.914	27.590	9.121	936.0	4.979	34.924	27.618	9.112
837.0	5.377	34.906	27.556	9.125	887.0	5.146	34.916	27.592	9.119	937.0	4.978	34.924	27.618	9.112
838.0	5.376	34.907	27.557	9.126	888.0	5.145	34.916	27.592	9.119	938.0	4.971	34.924	27.619	9.112
839.0	5.374	34.907	27.557	9.125	889.0	5.143	34.916	27.593	9.120	939.0	4.964	34.923	27.619	9.113
840.0	5.372	34.906	27.557	9.124	890.0	5.142	34.916	27.593	9.119	940.0	4.956	34.924	27.621	9.112
841.0	5.366	34.907	27.558	9.127	891.0	5.138	34.917	27.594	9.117	941.0	4.953	34.924	27.621	9.111
842.0	5.356	34.908	27.560	9.125	892.0	5.137	34.916	27.593	9.118	942.0	4.950	34.926	27.623	9.111
843.0	5.351	34.908	27.561	9.126	893.0	5.134	34.917	27.594	9.118	943.0	4.949	34.925	27.622	9.112
844.0	5.350	34.908	27.561	9.125	894.0	5.125	34.916	27.594	9.118	944.0	4.948	34.925	27.622	9.110
845.0	5.349	34.908	27.561	9.123	895.0	5.120	34.917	27.595	9.118	945.0	4.946	34.926	27.623	9.110
846.0	5.340	34.908	27.562	9.123	896.0	5.118	34.917	27.596	9.117	946.0	4.945	34.925	27.622	9.111
847.0	5.333	34.908	27.563	9.122	897.0	5.118	34.917	27.596	9.117	947.0	4.940	34.925	27.623	9.111
848.0	5.324	34.908	27.564	9.122	898.0	5.110	34.917	27.597	9.118	948.0	4.934	34.926	27.625	9.110
849.0	5.321	34.910	27.566	9.122	899.0	5.109	34.918	27.598	9.118	949.0	4.929	34.925	27.624	9.110
850.0	5.307	34.907	27.565	9.122	900.0	5.107	34.918	27.598	9.116	950.0	4.925	34.926	27.625	9.111
851.0	5.290	34.907	27.568	9.121	901.0	5.106	34.918	27.598	9.116	951.0	4.924	34.926	27.626	9.111
852.0	5.277	34.910	27.572	9.122	902.0	5.104	34.917	27.598	9.116	952.0	4.923	34.926	27.625	9.110
853.0	5.268	34.911	27.574	9.121	903.0	5.099	34.913	27.599	9.115	953.0	4.921	34.926	27.626	9.111
854.0	5.264	34.910	27.573	9.122	904.0	5.095	34.918	27.600	9.116	954.0	4.917	34.926	27.627	9.110
855.0	5.262	34.912	27.575	9.121	905.0	5.087	34.913	27.600	9.117	955.0	4.913	34.926	27.627	9.109
856.0	5.260	34.911	27.574	9.122	906.0	5.080	34.918	27.601	9.114	956.0	4.910	34.927	27.628	9.109
857.0	5.255	34.912	27.576	9.122	907.0	5.074	34.920	27.603	9.115	957.0	4.909	34.927	27.628	9.109
858.0	5.252	34.911	27.575	9.121	908.0	5.072	34.919	27.603	9.117	958.0	4.906	34.926	27.626	9.109
859.0	5.249	34.912	27.576	9.122	909.0	5.067	34.915	27.603	9.115	959.0	4.902	34.926	27.628	9.109
860.0	5.248	34.911	27.576	9.122	910.0	5.065	34.919	27.604	9.113	960.0	4.899	34.927	27.630	9.109
861.0	5.246	34.912	27.576	9.123	911.0	5.065	34.920	27.604	9.113	961.0	4.897	34.928	27.630	9.109
862.0	5.245	34.911	27.576	9.123	912.0	5.065	34.920	27.604	9.115	962.0	4.896	34.926	27.630	9.109
863.0	5.244	34.911	27.577	9.123	913.0	5.064	34.920	27.604	9.112	963.0	4.893	34.927	27.630	9.109
864.0	5.243	34.912	27.577	9.122	914.0	5.064	34.920	27.604	9.112	964.0	4.892	34.928	27.632	9.108



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CRUISE: 90G15 STATION: SB005.PL DATE: Oct 13 01:20:03 1990
 LATITUDE: 27 01.30 N LONGITUDE: 91 18.45 W
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB007.PLT::C CRUISE 90j15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 296
 LAT 26 40.0 LON 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
2.0	28.091	35.834	22.994	9.173	120.0	18.461	36.426	26.250	9.327	180.0	15.414	36.046	26.687	9.351
3.0	28.077	35.835	23.000	9.246	121.0	18.443	36.422	26.251	9.330	181.0	15.399	36.044	26.689	9.351
4.0	28.062	35.835	22.998	9.251	122.0	18.411	36.414	26.254	9.331	182.0	15.375	36.041	26.692	9.351
5.0	28.091	35.834	22.994	9.252	123.0	18.253	36.397	26.279	9.333	183.0	15.349	36.035	26.693	9.348
6.0	28.092	35.834	22.994	9.249	124.0	18.185	36.404	26.305	9.331	184.0	15.306	36.026	26.696	9.347
7.0	28.095	35.839	22.997	9.251	125.0	18.153	36.400	26.306	9.333	185.0	15.256	36.024	26.706	9.343
8.0	28.097	35.834	22.992	9.251	126.0	18.111	36.394	26.314	9.333	186.0	15.237	36.015	26.703	9.343
10.0	28.097	35.834	22.992	9.254	127.0	18.032	36.383	26.325	9.336	187.0	15.205	36.006	26.703	9.342
11.0	28.097	35.834	22.992	9.254	128.0	17.967	36.382	26.341	9.337	188.0	15.160	36.000	26.709	9.343
12.0	28.096	35.834	22.993	9.254	129.0	17.943	36.377	26.342	9.337	189.0	15.127	35.993	26.711	9.344
15.0	28.069	35.857	23.019	9.258	130.0	17.852	36.368	26.358	9.338	190.0	15.077	35.982	26.713	9.342
16.0	28.102	35.833	22.990	9.259	131.0	17.766	36.367	26.373	9.337	191.0	15.017	35.974	26.720	9.345
33.0	28.108	35.835	22.989	9.258	132.0	17.742	36.367	26.385	9.340	192.0	14.978	35.971	26.727	9.347
47.0	28.784	36.118	23.631	9.256	133.0	17.733	36.365	26.385	9.340	193.0	14.959	35.968	26.729	9.346
48.0	28.320	36.216	24.164	9.255	134.0	17.700	36.354	26.385	9.340	194.0	14.937	35.962	26.729	9.346
49.0	28.047	36.229	24.258	9.257	135.0	17.623	36.347	26.398	9.337	195.0	14.910	35.957	26.731	9.346
57.0	23.575	36.306	24.759	9.259	136.0	17.551	36.336	26.407	9.332	196.0	14.869	35.947	26.732	9.347
76.0	21.269	36.410	25.495	9.272	137.0	17.477	36.334	26.424	9.329	197.0	14.819	35.943	26.740	9.348
77.0	21.515	36.423	25.437	9.270	149.0	16.648	36.212	26.530	9.318	198.0	14.785	35.936	26.742	9.345
78.0	21.479	36.433	25.455	9.268	149.0	16.640	36.217	26.535	9.322	199.0	14.752	35.929	26.744	9.346
79.0	21.478	36.446	25.476	9.268	150.0	16.605	36.214	26.541	9.321	200.0	14.698	35.917	26.746	9.347
80.0	21.361	36.442	25.494	9.263	151.0	16.561	36.207	26.547	9.322	201.0	14.630	35.912	26.758	9.346
81.0	21.257	36.448	25.528	9.245	152.0	16.519	36.200	26.551	9.321	204.0	14.554	35.896	26.761	9.347
82.0	21.177	36.453	25.553	9.237	153.0	16.473	36.189	26.553	9.326	205.0	14.486	35.886	26.769	9.346
83.0	21.104	36.454	25.574	9.241	154.0	16.392	36.179	26.564	9.333	212.0	14.065	35.822	26.810	9.346
84.0	20.999	36.451	25.601	9.246	155.0	16.307	36.171	26.579	9.340	213.0	14.076	35.825	26.810	9.345
85.0	20.890	36.451	25.630	9.259	156.0	16.229	36.155	26.584	9.342	214.0	14.031	35.817	26.813	9.346
86.0	20.810	36.453	25.654	9.263	157.0	16.178	36.156	26.597	9.343	215.0	14.008	35.817	26.818	9.347
87.0	20.736	36.442	25.666	9.269	158.0	16.143	36.144	26.595	9.343	216.0	14.002	35.814	26.817	9.346
88.0	20.605	36.446	25.704	9.274	159.0	16.075	36.139	26.607	9.345	217.0	13.982	35.811	26.819	9.344
99.0	19.621	36.429	25.901	9.307	160.0	16.036	36.132	26.611	9.343	218.0	13.968	35.811	26.822	9.351
100.0	19.675	36.451	25.956	9.306	161.0	16.005	36.130	26.617	9.340	231.0	13.499	35.730	26.857	9.344
101.0	19.559	36.444	25.981	9.306	162.0	15.989	36.128	26.619	9.342	232.0	13.439	35.722	26.864	9.346
102.0	19.469	36.463	26.020	9.310	163.0	15.981	36.126	26.619	9.341	233.0	13.419	35.721	26.867	9.346
103.0	19.443	36.475	26.035	9.311	164.0	15.971	36.123	26.619	9.340	234.0	13.392	35.715	26.867	9.346
105.0	19.387	36.471	26.047	9.314	165.0	15.950	36.119	26.622	9.343	235.0	13.360	35.713	26.873	9.346
106.0	19.335	36.476	26.065	9.314	166.0	15.929	36.113	26.622	9.345	236.0	13.345	35.711	26.874	9.346
107.0	19.253	36.471	26.080	9.315	167.0	15.875	36.100	26.624	9.346	237.0	13.321	35.707	26.876	9.347
108.0	19.185	36.460	26.091	9.317	168.0	15.797	36.093	26.637	9.344	238.0	13.316	35.706	26.878	9.346
109.0	19.143	36.460	26.100	9.313	169.0	15.749	36.087	26.643	9.345	239.0	13.305	35.705	26.878	9.346
110.0	19.109	36.451	26.104	9.317	170.0	15.717	36.084	26.648	9.345	240.0	13.296	35.702	26.877	9.347
111.0	19.071	36.457	26.113	9.317	171.0	15.704	36.080	26.647	9.345	241.0	13.285	35.699	26.877	9.345
112.0	19.004	36.449	26.129	9.315	172.0	15.661	36.073	26.652	9.346	242.0	13.250	35.691	26.879	9.346
113.0	18.960	36.434	26.153	9.317	173.0	15.626	36.063	26.656	9.346	243.0	13.194	35.684	26.884	9.346
114.0	18.767	36.436	26.180	9.321	174.0	15.560	36.054	26.660	9.346	244.0	13.157	35.681	26.889	9.347
115.0	18.683	36.430	26.197	9.325	175.0	15.493	36.049	26.672	9.346	245.0	13.143	35.680	26.891	9.346
116.0	18.626	36.424	26.207	9.324	176.0	15.475	36.045	26.672	9.343	246.0	13.135	35.679	26.891	9.346
117.0	18.567	36.422	26.220	9.314	177.0	15.469	36.046	26.677	9.347	247.0	13.123	35.675	26.893	9.346
118.0	18.522	36.424	26.233	9.323	178.0	15.434	36.043	26.680	9.349	248.0	13.103	35.668	26.890	9.345
119.0	18.481	36.425	26.244	9.323	179.0	15.450	36.050	26.687	9.352	249.0	13.055	35.663	26.876	9.346

STATION SB007.PLT:IC CRUISE 90g15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 286
 LAT 26 40.0 LON 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
250.0	13.081	35.669	26.896	9.346	300.0	11.795	35.471	26.995	9.336	350.0	10.686	35.309	27.073	9.319
251.0	13.017	35.659	26.901	9.346	301.0	11.764	35.468	26.999	9.337	351.0	10.682	35.309	27.074	9.321
252.0	13.002	35.656	26.902	9.346	302.0	11.750	35.467	27.000	9.337	352.0	10.675	35.306	27.073	9.318
253.0	12.984	35.656	26.905	9.347	303.0	11.740	35.465	27.000	9.336	353.0	10.659	35.303	27.074	9.318
254.0	12.972	35.649	26.903	9.345	304.0	11.732	35.463	27.001	9.336	354.0	10.636	35.299	27.074	9.317
255.0	12.940	35.646	26.906	9.345	305.0	11.723	35.462	27.002	9.337	355.0	10.611	35.297	27.078	9.317
256.0	12.910	35.640	26.907	9.344	306.0	11.714	35.462	27.004	9.337	356.0	10.605	35.296	27.078	9.317
257.0	12.882	35.639	26.913	9.344	307.0	11.706	35.459	27.003	9.337	357.0	10.588	35.294	27.079	9.317
258.0	12.872	35.637	26.913	9.345	308.0	11.689	35.457	27.004	9.336	358.0	10.567	35.289	27.079	9.317
259.0	12.846	35.634	26.916	9.344	309.0	11.670	35.452	27.004	9.336	359.0	10.544	35.287	27.082	9.316
260.0	12.829	35.628	26.914	9.346	310.0	11.654	35.449	27.005	9.335	360.0	10.528	35.286	27.083	9.316
261.0	12.814	35.626	26.917	9.344	311.0	11.606	35.441	27.007	9.335	361.0	10.524	35.286	27.084	9.315
262.0	12.776	35.616	26.916	9.344	312.0	11.570	35.438	27.012	9.334	362.0	10.521	35.285	27.084	9.314
263.0	12.708	35.607	26.923	9.343	313.0	11.555	35.438	27.015	9.334	363.0	10.519	35.285	27.085	9.314
264.0	12.672	35.607	26.930	9.343	314.0	11.549	35.437	27.014	9.334	364.0	10.504	35.281	27.084	9.315
265.0	12.662	35.604	26.930	9.343	315.0	11.530	35.432	27.014	9.334	365.0	10.489	35.281	27.086	9.312
266.0	12.623	35.594	26.929	9.342	316.0	11.495	35.427	27.017	9.334	366.0	10.468	35.276	27.086	9.314
267.0	12.586	35.591	26.935	9.344	317.0	11.462	35.421	27.019	9.333	367.0	10.453	35.276	27.089	9.312
268.0	12.563	35.589	26.938	9.342	318.0	11.422	35.414	27.021	9.333	368.0	10.439	35.272	27.089	9.313
269.0	12.535	35.583	26.938	9.342	319.0	11.380	35.409	27.025	9.332	369.0	10.411	35.270	27.092	9.313
270.0	12.516	35.582	26.942	9.342	320.0	11.348	35.406	27.029	9.332	370.0	10.390	35.267	27.093	9.312
271.0	12.503	35.578	26.941	9.341	321.0	11.312	35.397	27.028	9.331	371.0	10.372	35.263	27.094	9.312
272.0	12.479	35.577	26.945	9.341	322.0	11.263	35.391	27.031	9.331	372.0	10.345	35.259	27.095	9.312
273.0	12.469	35.575	26.945	9.341	323.0	11.235	35.387	27.036	9.331	373.0	10.324	35.257	27.097	9.312
274.0	12.453	35.574	26.946	9.340	324.0	11.219	35.386	27.037	9.330	374.0	10.307	35.253	27.097	9.311
275.0	12.445	35.572	26.948	9.340	325.0	11.200	35.382	27.037	9.329	375.0	10.290	35.252	27.099	9.311
276.0	12.437	35.570	26.948	9.339	326.0	11.172	35.379	27.040	9.329	376.0	10.283	35.250	27.099	9.309
277.0	12.415	35.564	26.947	9.339	327.0	11.156	35.376	27.041	9.329	377.0	10.274	35.247	27.098	9.309
278.0	12.382	35.559	26.950	9.338	328.0	11.136	35.373	27.042	9.327	378.0	10.247	35.243	27.099	9.309
279.0	12.343	35.556	26.954	9.338	329.0	11.113	35.371	27.045	9.327	379.0	10.214	35.238	27.101	9.308
280.0	12.321	35.549	26.954	9.337	330.0	11.101	35.368	27.044	9.327	380.0	10.183	35.237	27.105	9.308
281.0	12.282	35.543	26.957	9.337	331.0	11.077	35.364	27.046	9.326	381.0	10.173	35.234	27.105	9.308
282.0	12.264	35.544	26.961	9.337	332.0	11.055	35.363	27.049	9.327	382.0	10.164	35.234	27.107	9.307
283.0	12.260	35.543	26.962	9.337	333.0	11.035	35.356	27.043	9.327	383.0	10.155	35.230	27.105	9.306
284.0	12.259	35.543	26.962	9.337	334.0	10.984	35.351	27.052	9.327	384.0	10.124	35.227	27.105	9.307
285.0	12.249	35.539	26.960	9.337	335.0	10.951	35.347	27.056	9.326	385.0	10.113	35.227	27.110	9.306
286.0	12.230	35.535	26.961	9.338	336.0	10.941	35.343	27.058	9.326	386.0	10.109	35.226	27.110	9.307
287.0	12.189	35.528	26.963	9.337	337.0	10.933	35.345	27.057	9.327	387.0	10.083	35.219	27.110	9.305
288.0	12.146	35.523	26.968	9.340	338.0	10.929	35.344	27.057	9.326	388.0	10.045	35.214	27.112	9.304
289.0	12.100	35.515	26.971	9.337	339.0	10.921	35.342	27.057	9.326	389.0	9.999	35.207	27.114	9.304
290.0	12.059	35.511	26.976	9.338	340.0	10.900	35.338	27.056	9.325	390.0	9.955	35.204	27.119	9.304
291.0	12.034	35.508	26.978	9.337	341.0	10.870	35.334	27.060	9.323	391.0	9.937	35.201	27.120	9.302
292.0	12.006	35.503	26.979	9.337	342.0	10.851	35.334	27.063	9.324	392.0	9.906	35.196	27.122	9.302
293.0	11.931	35.502	26.983	9.337	343.0	10.846	35.332	27.063	9.323	393.0	9.869	35.196	27.124	9.303
294.0	11.973	35.499	26.983	9.333	344.0	10.844	35.332	27.063	9.322	394.0	9.866	35.192	27.125	9.302
295.0	11.968	35.499	26.984	9.337	345.0	10.841	35.330	27.062	9.322	395.0	9.861	35.192	27.127	9.303
296.0	11.942	35.493	26.984	9.337	346.0	10.786	35.317	27.062	9.322	396.0	9.857	35.191	27.126	9.304
297.0	11.921	35.491	26.987	9.333	347.0	10.743	35.316	27.069	9.322	397.0	9.828	35.189	27.126	9.302
298.0	11.899	35.486	26.987	9.337	348.0	10.721	35.312	27.070	9.323	398.0	9.795	35.182	27.127	9.302
299.0	11.844	35.474	26.983	9.337	349.0	10.700	35.310	27.072	9.324	399.0	9.775	35.179	27.131	9.300

STATION 56007.FLT::C CRUISE 90q15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 266

LAT 26 40.0 LOU 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
400.0	9.755	35.177	27.132	9.299	470.0	8.661	35.043	27.207	9.263	521.0	8.018	34.972	27.250	9.242
401.0	9.740	35.174	27.133	9.297	471.0	8.660	35.045	27.205	9.263	522.0	8.015	34.971	27.250	9.242
402.0	9.713	35.169	27.134	9.297	472.0	8.631	35.040	27.209	9.261	533.0	7.882	34.956	27.259	9.236
403.0	9.693	35.168	27.136	9.299	473.0	8.615	35.038	27.210	9.260	534.0	7.818	34.959	27.270	9.238
404.0	9.663	35.164	27.138	9.299	474.0	8.610	35.038	27.210	9.260	535.0	7.824	34.955	27.265	9.237
405.0	9.641	35.161	27.139	9.296	475.0	8.593	35.036	27.211	9.260	536.0	7.819	34.953	27.265	9.236
406.0	9.627	35.161	27.141	9.296	476.0	8.578	35.033	27.211	9.259	537.0	7.806	34.950	27.265	9.237
407.0	9.617	35.159	27.141	9.297	477.0	8.557	35.029	27.211	9.259	538.0	7.791	34.952	27.268	9.234
408.0	9.611	35.158	27.142	9.294	478.0	8.534	35.031	27.216	9.260	539.0	7.790	34.953	27.269	9.235
409.0	9.605	35.156	27.142	9.293	479.0	8.526	35.029	27.216	9.259	540.0	7.790	34.954	27.270	9.235
410.0	9.587	35.154	27.143	9.294	480.0	8.515	35.029	27.218	9.259	541.0	7.789	34.954	27.270	9.231
411.0	9.577	35.153	27.143	9.293	481.0	8.502	35.026	27.218	9.291	542.0	7.789	34.954	27.270	9.232
426.0	9.267	35.112	27.163	9.280	482.0	8.485	35.024	27.219	9.258	543.0	7.789	34.954	27.270	9.230
429.0	9.270	35.112	27.163	9.283	483.0	8.463	35.024	27.221	9.258	544.0	7.783	34.954	27.270	9.233
430.0	9.243	35.115	27.168	9.283	484.0	8.458	35.022	27.222	9.259	545.0	7.774	34.951	27.270	9.230
431.0	9.229	35.106	27.165	9.282	485.0	8.454	35.022	27.222	9.259	546.0	7.742	34.947	27.271	9.233
432.0	9.199	35.107	27.170	9.280	486.0	8.444	35.020	27.222	9.243	547.0	7.719	34.946	27.274	9.232
433.0	9.194	35.105	27.170	9.280	487.0	8.431	35.018	27.222	9.257	548.0	7.701	34.943	27.274	9.229
434.0	9.181	35.102	27.169	9.280	488.0	8.417	35.018	27.225	9.257	549.0	7.669	34.944	27.280	9.231
435.0	9.170	35.101	27.170	9.279	489.0	8.410	35.017	27.225	9.257	550.0	7.661	34.945	27.281	9.230
436.0	9.162	35.100	27.171	9.278	490.0	8.391	35.017	27.228	9.254	551.0	7.655	34.946	27.282	9.226
437.0	9.142	35.093	27.172	9.278	491.0	8.384	35.014	27.227	9.257	552.0	7.652	34.944	27.282	9.230
438.0	9.121	35.094	27.173	9.278	492.0	8.368	35.010	27.226	9.254	553.0	7.646	34.944	27.283	9.227
439.0	9.091	35.091	27.176	9.277	493.0	8.351	35.011	27.230	9.254	554.0	7.637	34.944	27.284	9.226
440.0	9.083	35.091	27.177	9.276	494.0	8.347	35.011	27.230	9.256	555.0	7.632	34.945	27.285	9.225
441.0	9.075	35.091	27.177	9.276	495.0	8.345	35.011	27.231	9.255	556.0	7.624	34.944	27.286	9.226
442.0	9.074	35.090	27.177	9.276	496.0	8.344	35.011	27.231	9.255	557.0	7.618	34.943	27.286	9.226
443.0	9.062	35.088	27.177	9.275	497.0	8.343	35.010	27.230	9.253	558.0	7.614	34.943	27.287	9.224
444.0	9.055	35.086	27.177	9.275	498.0	8.340	35.009	27.230	9.252	559.0	7.612	34.942	27.286	9.225
445.0	9.035	35.081	27.177	9.274	499.0	8.334	35.009	27.230	9.253	560.0	7.605	34.941	27.287	9.224
446.0	8.994	35.079	27.182	9.277	500.0	8.320	35.003	27.228	9.252	561.0	7.594	34.941	27.288	9.225
447.0	8.970	35.075	27.182	9.275	501.0	8.286	35.005	27.234	9.252	562.0	7.574	34.939	27.290	9.223
448.0	8.917	35.075	27.191	9.272	502.0	8.278	35.004	27.235	9.251	563.0	7.568	34.940	27.291	9.223
449.0	8.909	35.069	27.187	9.272	503.0	8.271	35.004	27.236	9.250	564.0	7.560	34.939	27.292	9.225
454.0	8.877	35.069	27.193	9.270	504.0	8.264	34.997	27.232	9.251	565.0	7.556	34.940	27.293	9.221
455.0	8.867	35.066	27.192	9.271	505.0	8.228	34.994	27.235	9.246	566.0	7.547	34.939	27.294	9.224
456.0	8.855	35.065	27.192	9.269	506.0	8.191	34.990	27.237	9.249	567.0	7.533	34.939	27.296	9.225
457.0	8.835	35.061	27.193	9.268	507.0	8.180	34.993	27.242	9.250	568.0	7.520	34.939	27.297	9.221
458.0	8.815	35.061	27.196	9.267	508.0	8.175	34.991	27.240	9.249	569.0	7.510	34.938	27.298	9.221
459.0	8.802	35.058	27.196	9.268	509.0	8.171	34.991	27.241	9.248	570.0	7.503	34.938	27.299	9.219
460.0	8.786	35.053	27.198	9.268	510.0	8.170	34.990	27.240	9.249	571.0	7.494	34.937	27.299	9.221
461.0	8.775	35.057	27.199	9.269	511.0	8.153	34.985	27.240	9.243	572.0	7.484	34.935	27.299	9.220
462.0	8.771	35.056	27.199	9.267	512.0	8.121	34.983	27.243	9.249	573.0	7.472	34.933	27.300	9.218
463.0	8.765	35.054	27.198	9.267	513.0	8.108	34.983	27.245	9.247	574.0	7.464	34.974	27.301	9.218
464.0	8.743	35.053	27.200	9.265	514.0	8.101	34.980	27.244	9.246	575.0	7.461	34.931	27.301	9.218
465.0	8.732	35.050	27.201	9.265	515.0	8.093	34.982	27.245	9.244	576.0	7.453	34.931	27.301	9.215
466.0	8.711	35.045	27.201	9.264	516.0	8.097	34.981	27.245	9.245	577.0	7.435	34.930	27.302	9.216
467.0	8.683	35.046	27.207	9.264	517.0	8.082	34.975	27.246	9.245	578.0	7.426	34.930	27.303	9.215
468.0	8.670	35.045	27.207	9.264	518.0	8.077	34.971	27.246	9.244	579.0	7.419	34.928	27.304	9.217
469.0	8.664	35.044	27.207	9.260	520.0	8.039	34.973	27.243	9.244	580.0	7.389	34.929	27.303	9.216

STATION SB007.PLT::C CRUISE 90g15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 286
 LAT 26 40.0 LON 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
581.0	7.372	34.929	27.311	9.214	631.0	6.905	34.903	27.356	9.195	681.0	6.362	34.882	27.413	9.165
582.0	7.363	34.929	27.311	9.215	632.0	6.897	34.901	27.356	9.196	682.0	6.344	34.885	27.417	9.163
583.0	7.357	34.928	27.312	9.214	633.0	6.867	34.899	27.353	9.196	683.0	6.339	34.884	27.417	9.162
584.0	7.350	34.929	27.314	9.215	634.0	6.844	34.902	27.364	9.195	684.0	6.332	34.885	27.419	9.159
585.0	7.347	34.928	27.313	9.215	635.0	6.837	34.899	27.363	9.193	685.0	6.327	34.883	27.418	9.159
586.0	7.340	34.926	27.313	9.214	636.0	6.819	34.899	27.365	9.192	686.0	6.319	34.884	27.420	9.161
587.0	7.331	34.925	27.313	9.216	637.0	6.811	34.897	27.364	9.191	687.0	6.313	34.883	27.420	9.161
588.0	7.315	34.926	27.316	9.214	638.0	6.793	34.898	27.367	9.191	688.0	6.308	34.885	27.422	9.160
589.0	7.307	34.926	27.318	9.215	639.0	6.784	34.896	27.367	9.191	689.0	6.308	34.883	27.421	9.160
590.0	7.303	34.925	27.317	9.214	640.0	6.772	34.895	27.368	9.188	690.0	6.307	34.885	27.422	9.161
591.0	7.297	34.925	27.318	9.212	641.0	6.749	34.896	27.372	9.189	691.0	6.306	34.884	27.421	9.160
592.0	7.295	34.924	27.318	9.214	642.0	6.735	34.893	27.371	9.189	692.0	6.297	34.884	27.423	9.160
593.0	7.262	34.918	27.318	9.212	643.0	6.719	34.898	27.377	9.189	693.0	6.294	34.884	27.424	9.159
594.0	7.219	34.920	27.325	9.213	644.0	6.714	34.892	27.373	9.186	694.0	6.293	34.883	27.423	9.158
595.0	7.202	34.917	27.326	9.211	645.0	6.700	34.890	27.374	9.185	695.0	6.286	34.884	27.424	9.159
596.0	7.193	34.919	27.328	9.211	646.0	6.676	34.890	27.377	9.185	696.0	6.285	34.884	27.425	9.157
597.0	7.183	34.918	27.329	9.211	647.0	6.655	34.893	27.382	9.184	697.0	6.285	34.884	27.425	9.158
598.0	7.181	34.918	27.329	9.210	648.0	6.651	34.892	27.382	9.185	698.0	6.283	34.884	27.424	9.156
599.0	7.171	34.917	27.330	9.210	649.0	6.649	34.892	27.382	9.185	699.0	6.282	34.884	27.425	9.158
600.0	7.163	34.917	27.331	9.209	650.0	6.644	34.890	27.381	9.181	700.0	6.278	34.883	27.425	9.156
601.0	7.151	34.915	27.331	9.209	651.0	6.633	34.890	27.383	9.180	701.0	6.273	34.884	27.426	9.157
602.0	7.136	34.916	27.334	9.208	652.0	6.626	34.891	27.385	9.180	702.0	6.271	34.884	27.426	9.158
603.0	7.128	34.915	27.334	9.208	653.0	6.624	34.891	27.385	9.180	703.0	6.260	34.884	27.426	9.157
604.0	7.123	34.914	27.334	9.208	654.0	6.623	34.890	27.384	9.179	704.0	6.250	34.881	27.427	9.157
605.0	7.113	34.914	27.335	9.210	655.0	6.616	34.889	27.385	9.179	705.0	6.237	34.879	27.427	9.156
606.0	7.108	34.914	27.336	9.208	656.0	6.609	34.889	27.385	9.177	706.0	6.216	34.884	27.433	9.157
607.0	7.105	34.913	27.336	9.207	657.0	6.592	34.886	27.385	9.177	707.0	6.208	34.883	27.434	9.156
608.0	7.099	34.913	27.337	9.208	658.0	6.569	34.889	27.391	9.177	708.0	6.200	34.884	27.435	9.158
609.0	7.087	34.912	27.333	9.206	659.0	6.552	34.885	27.390	9.177	709.0	6.196	34.883	27.436	9.154
610.0	7.083	34.912	27.339	9.206	660.0	6.526	34.892	27.398	9.175	710.0	6.192	34.882	27.435	9.156
611.0	7.073	34.911	27.339	9.205	661.0	6.524	34.889	27.396	9.173	711.0	6.177	34.882	27.437	9.156
612.0	7.066	34.911	27.340	9.203	662.0	6.520	34.888	27.397	9.174	712.0	6.159	34.884	27.441	9.156
613.0	7.057	34.912	27.342	9.205	663.0	6.516	34.889	27.397	9.175	713.0	6.149	34.885	27.443	9.157
614.0	7.053	34.911	27.342	9.204	664.0	6.513	34.888	27.397	9.174	714.0	6.145	34.885	27.443	9.155
615.0	7.052	34.912	27.342	9.203	665.0	6.509	34.888	27.398	9.172	715.0	6.142	34.885	27.444	9.154
616.0	7.048	34.911	27.343	9.203	666.0	6.506	34.888	27.398	9.171	716.0	6.140	34.884	27.444	9.154
617.0	7.029	34.907	27.342	9.203	667.0	6.504	34.889	27.399	9.171	717.0	6.137	34.885	27.444	9.152
618.0	7.012	34.908	27.345	9.202	668.0	6.503	34.889	27.398	9.171	718.0	6.130	34.884	27.444	9.152
619.0	7.003	34.910	27.347	9.200	669.0	6.500	34.889	27.399	9.170	719.0	6.124	34.884	27.445	9.152
620.0	6.996	34.907	27.346	9.201	670.0	6.498	34.897	27.399	9.170	720.0	6.114	34.884	27.447	9.154
621.0	6.978	34.907	27.349	9.200	671.0	6.494	34.886	27.400	9.166	721.0	6.107	34.884	27.448	9.152
622.0	6.966	34.906	27.350	9.200	672.0	6.489	34.897	27.400	9.165	722.0	6.095	34.884	27.449	9.151
623.0	6.960	34.907	27.351	9.200	673.0	6.489	34.886	27.400	9.165	723.0	6.076	34.883	27.450	9.151
624.0	6.959	34.906	27.351	9.199	674.0	6.488	34.887	27.400	9.165	724.0	6.063	34.884	27.453	9.151
625.0	6.951	34.905	27.351	9.201	675.0	6.484	34.886	27.400	9.165	725.0	6.056	34.884	27.454	9.152
626.0	6.947	34.905	27.352	9.199	676.0	6.477	34.885	27.400	9.165	726.0	6.047	34.884	27.455	9.152
627.0	6.945	34.905	27.352	9.198	677.0	6.445	34.883	27.402	9.165	727.0	6.040	34.886	27.458	9.152
628.0	6.942	34.904	27.352	9.198	678.0	6.412	34.883	27.407	9.165	728.0	6.035	34.884	27.457	9.151
629.0	6.934	34.905	27.353	9.196	679.0	6.388	34.885	27.412	9.164	729.0	6.025	34.887	27.458	9.152
630.0	6.925	34.902	27.353	9.196	680.0	6.377	34.885	27.417	9.163	730.0	6.010	34.885	27.461	9.151

STATION SB007.PLT::C CRUISE 90g15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 266
 LAT 26 40.0 LON 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
731.0	5.001	34.884	27.461	9.151	781.0	5.674	34.891	27.508	9.133	831.0	5.476	34.896	27.536	9.113
732.0	5.994	34.884	27.462	9.149	782.0	5.662	34.891	27.509	9.133	832.0	5.469	34.897	27.539	9.113
733.0	5.981	34.885	27.464	9.149	783.0	5.653	34.892	27.511	9.132	833.0	5.466	34.898	27.539	9.111
734.0	5.977	34.885	27.465	9.151	784.0	5.645	34.893	27.513	9.130	834.0	5.466	34.898	27.539	9.113
735.0	5.975	34.884	27.465	9.150	785.0	5.640	34.892	27.513	9.132	835.0	5.463	34.899	27.540	9.110
736.0	5.966	34.884	27.466	9.151	786.0	5.627	34.893	27.515	9.131	836.0	5.462	34.898	27.540	9.112
737.0	5.958	34.884	27.467	9.152	787.0	5.619	34.893	27.517	9.131	837.0	5.456	34.900	27.542	9.112
738.0	5.953	34.886	27.469	9.151	788.0	5.613	34.893	27.517	9.131	838.0	5.450	34.898	27.541	9.111
739.0	5.950	34.885	27.469	9.151	789.0	5.604	34.893	27.518	9.129	839.0	5.448	34.896	27.540	9.112
740.0	5.941	34.885	27.470	9.150	790.0	5.597	34.894	27.520	9.129	840.0	5.445	34.896	27.542	9.111
741.0	5.934	34.886	27.471	9.149	791.0	5.595	34.894	27.520	9.129	841.0	5.442	34.897	27.541	9.112
742.0	5.932	34.885	27.471	9.150	792.0	5.591	34.894	27.520	9.129	842.0	5.437	34.898	27.542	9.112
743.0	5.929	34.885	27.471	9.152	793.0	5.587	34.894	27.521	9.129	843.0	5.432	34.898	27.544	9.110
744.0	5.928	34.883	27.470	9.151	794.0	5.582	34.894	27.522	9.127	844.0	5.430	34.899	27.544	9.111
745.0	5.924	34.885	27.472	9.149	795.0	5.578	34.894	27.523	9.128	845.0	5.429	34.899	27.544	9.112
746.0	5.920	34.894	27.472	9.151	796.0	5.575	34.895	27.523	9.128	846.0	5.428	34.899	27.544	9.112
747.0	5.914	34.886	27.474	9.150	797.0	5.574	34.895	27.523	9.126	847.0	5.427	34.899	27.544	9.112
748.0	5.911	34.884	27.473	9.150	798.0	5.574	34.893	27.522	9.126	848.0	5.423	34.898	27.544	9.112
749.0	5.905	34.885	27.474	9.148	799.0	5.572	34.895	27.523	9.126	849.0	5.426	34.899	27.544	9.111
750.0	5.899	34.885	27.475	9.149	800.0	5.571	34.895	27.524	9.123	850.0	5.424	34.900	27.546	9.111
751.0	5.896	34.886	27.476	9.146	801.0	5.567	34.893	27.523	9.121	851.0	5.424	34.899	27.545	9.111
752.0	5.893	34.886	27.477	9.147	802.0	5.553	34.894	27.526	9.124	852.0	5.423	34.899	27.545	9.110
753.0	5.889	34.886	27.477	9.148	803.0	5.543	34.895	27.527	9.124	853.0	5.422	34.899	27.545	9.110
754.0	5.888	34.886	27.477	9.147	804.0	5.536	34.894	27.528	9.122	854.0	5.420	34.899	27.546	9.112
755.0	5.884	34.886	27.478	9.145	805.0	5.529	34.895	27.529	9.122	855.0	5.417	34.899	27.546	9.109
756.0	5.881	34.886	27.479	9.145	806.0	5.523	34.896	27.531	9.123	856.0	5.414	34.898	27.546	9.111
757.0	5.873	34.885	27.478	9.146	807.0	5.516	34.896	27.532	9.121	857.0	5.405	34.899	27.547	9.109
758.0	5.860	34.885	27.480	9.146	808.0	5.513	34.896	27.532	9.122	858.0	5.396	34.900	27.549	9.110
759.0	5.839	34.887	27.484	9.145	809.0	5.509	34.896	27.532	9.122	859.0	5.389	34.900	27.550	9.110
760.0	5.832	34.897	27.485	9.145	810.0	5.505	34.897	27.533	9.119	860.0	5.384	34.901	27.552	9.110
761.0	5.832	34.897	27.485	9.147	811.0	5.504	34.897	27.533	9.118	861.0	5.382	34.901	27.552	9.108
762.0	5.831	34.883	27.486	9.143	812.0	5.503	34.896	27.533	9.121	862.0	5.381	34.901	27.552	9.108
763.0	5.826	34.886	27.485	9.144	813.0	5.501	34.896	27.533	9.118	863.0	5.378	34.901	27.552	9.109
764.0	5.806	34.885	27.487	9.141	814.0	5.499	34.897	27.534	9.118	864.0	5.372	34.900	27.552	9.107
765.0	5.776	34.887	27.492	9.143	815.0	5.498	34.896	27.534	9.119	865.0	5.355	34.901	27.555	9.108
766.0	5.763	34.889	27.495	9.139	816.0	5.495	34.897	27.535	9.113	866.0	5.339	34.903	27.558	9.105
767.0	5.762	34.890	27.496	9.142	817.0	5.495	34.897	27.535	9.117	867.0	5.336	34.902	27.558	9.103
768.0	5.760	34.888	27.495	9.142	818.0	5.493	34.897	27.535	9.117	868.0	5.330	34.902	27.559	9.110
769.0	5.743	34.889	27.497	9.139	819.0	5.492	34.898	27.536	9.116	869.0	5.323	34.904	27.561	9.109
770.0	5.739	34.889	27.499	9.138	820.0	5.493	34.896	27.534	9.116	870.0	5.316	34.903	27.561	9.107
771.0	5.732	34.890	27.500	9.137	821.0	5.492	34.896	27.535	9.117	871.0	5.309	34.903	27.562	9.109
772.0	5.729	34.890	27.500	9.136	822.0	5.490	34.897	27.535	9.115	872.0	5.305	34.904	27.563	9.107
773.0	5.724	34.889	27.500	9.138	823.0	5.488	34.897	27.536	9.114	873.0	5.304	34.904	27.563	9.111
774.0	5.718	34.889	27.501	9.137	824.0	5.487	34.897	27.536	9.114	874.0	5.302	34.904	27.564	9.107
775.0	5.711	34.888	27.502	9.137	825.0	5.485	34.896	27.535	9.114	875.0	5.301	34.905	27.564	9.106
776.0	5.695	34.896	27.504	9.137	826.0	5.485	34.897	27.536	9.116	876.0	5.296	34.905	27.565	9.103
777.0	5.683	34.891	27.505	9.136	827.0	5.485	34.897	27.536	9.113	877.0	5.291	34.904	27.565	9.103
778.0	5.680	34.891	27.506	9.136	828.0	5.484	34.897	27.536	9.113	878.0	5.291	34.905	27.566	9.107
779.0	5.684	34.891	27.507	9.136	829.0	5.484	34.897	27.537	9.113	879.0	5.281	34.905	27.567	9.109
780.0	5.678	34.891	27.503	9.136	830.0	5.482	34.896	27.537	9.112	880.0	5.272	34.904	27.567	9.107

STATION SB007.PLT::C CPUISE 90g15 DATE & TIME Sat Oct 13 07:10:43 1990, Julian day = 286
 LAT 26 40.0 LON 90 39.9 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSN	DEPTH	TEMP	SALT	SIGMA-T	XSN	DEPTH	TEMP	SALT	SIGMA-T	XSN
831.0	5.262	34.905	27.569	9.107	931.0	5.057	34.914	27.600	9.094	981.0	4.890	34.921	27.626	9.077
832.0	5.259	34.906	27.571	9.108	932.0	5.052	34.914	27.601	9.092	982.0	4.886	34.922	27.627	9.076
833.0	5.259	34.905	27.569	9.107	933.0	5.047	34.915	27.602	9.093	983.0	4.884	34.922	27.627	9.076
834.0	5.248	34.906	27.572	9.107	934.0	5.043	34.916	27.604	9.092	984.0	4.883	34.922	27.627	9.077
835.0	5.242	34.905	27.572	9.107	935.0	5.038	34.914	27.603	9.092	985.0	4.883	34.922	27.627	9.076
836.0	5.238	34.906	27.573	9.105	936.0	5.034	34.914	27.603	9.092	986.0	4.882	34.922	27.627	9.076
837.0	5.236	34.905	27.573	9.105	937.0	5.030	34.915	27.605	9.091	987.0	4.881	34.923	27.628	9.077
838.0	5.229	34.906	27.574	9.106	938.0	5.024	34.917	27.607	9.090	988.0	4.881	34.923	27.628	9.076
839.0	5.213	34.906	27.576	9.105	939.0	5.022	34.915	27.606	9.089	989.0	4.883	34.922	27.627	9.076
890.0	5.202	34.908	27.579	9.104	940.0	5.020	34.915	27.606	9.092	990.0	4.878	34.922	27.628	9.076
891.0	5.199	34.908	27.579	9.106	941.0	5.017	34.917	27.607	9.090	991.0	4.879	34.922	27.627	9.075
892.0	5.196	34.908	27.579	9.105	942.0	5.016	34.917	27.608	9.090	992.0	4.876	34.923	27.628	9.074
893.0	5.191	34.908	27.580	9.105	943.0	5.016	34.916	27.607	9.090	993.0	4.875	34.922	27.628	9.074
894.0	5.189	34.909	27.581	9.104	944.0	5.015	34.916	27.607	9.090	994.0	4.873	34.923	27.629	9.074
895.0	5.189	34.903	27.581	9.102	945.0	5.014	34.916	27.607	9.087	995.0	4.874	34.922	27.629	9.073
896.0	5.187	34.909	27.582	9.103	946.0	5.014	34.916	27.607	9.089	996.0	4.875	34.923	27.628	9.073
897.0	5.186	34.909	27.581	9.103	947.0	5.012	34.917	27.608	9.087	997.0	4.874	34.922	27.628	9.073
898.0	5.184	34.905	27.581	9.103	948.0	5.010	34.917	27.608	9.088	998.0	4.873	34.922	27.628	9.070
899.0	5.181	34.908	27.582	9.101	949.0	5.009	34.915	27.607	9.087	999.0	4.872	34.923	27.629	9.066
900.0	5.176	34.908	27.582	9.102	950.0	4.999	34.916	27.609	9.087	1000.0	4.871	34.923	27.629	9.066
901.0	5.167	34.909	27.584	9.102	951.0	4.989	34.918	27.612	9.087					
902.0	5.161	34.908	27.584	9.102	952.0	4.986	34.917	27.612	9.088					
903.0	5.148	34.910	27.587	9.102	953.0	4.981	34.918	27.613	9.086					
904.0	5.137	34.911	27.589	9.103	954.0	4.972	34.919	27.615	9.084					
905.0	5.133	34.911	27.590	9.101	955.0	4.970	34.915	27.611	9.089					
906.0	5.131	34.911	27.590	9.099	956.0	4.961	34.919	27.615	9.085					
907.0	5.129	34.911	27.590	9.101	957.0	4.957	34.918	27.615	9.088					
908.0	5.129	34.912	27.591	9.100	958.0	4.953	34.919	27.616	9.088					
909.0	5.127	34.911	27.590	9.099	959.0	4.951	34.919	27.617	9.083					
910.0	5.124	34.912	27.591	9.100	960.0	4.951	34.919	27.616	9.086					
911.0	5.123	34.911	27.590	9.100	961.0	4.943	34.919	27.617	9.085					
912.0	5.122	34.912	27.591	9.097	962.0	4.943	34.919	27.617	9.083					
913.0	5.122	34.911	27.591	9.099	963.0	4.941	34.920	27.619	9.083					
914.0	5.119	34.911	27.591	9.098	964.0	4.941	34.920	27.619	9.083					
915.0	5.119	34.912	27.592	9.097	965.0	4.941	34.919	27.618	9.084					
916.0	5.116	34.911	27.592	9.097	966.0	4.941	34.919	27.618	9.083					
917.0	5.114	34.912	27.592	9.098	967.0	4.939	34.919	27.618	9.082					
918.0	5.113	34.912	27.593	9.099	968.0	4.935	34.920	27.619	9.082					
919.0	5.113	34.912	27.592	9.098	969.0	4.936	34.920	27.619	9.083					
920.0	5.113	34.912	27.592	9.097	970.0	4.932	34.919	27.619	9.081					
921.0	5.112	34.912	27.592	9.097	971.0	4.924	34.919	27.620	9.082					
922.0	5.109	34.912	27.593	9.096	972.0	4.920	34.921	27.621	9.082					
923.0	5.106	34.912	27.594	9.096	973.0	4.917	34.920	27.622	9.081					
924.0	5.104	34.912	27.594	9.096	974.0	4.911	34.921	27.623	9.081					
925.0	5.099	34.912	27.594	9.095	975.0	4.907	34.920	27.623	9.080					
926.0	5.096	34.912	27.595	9.094	976.0	4.903	34.921	27.624	9.080					
927.0	5.094	34.913	27.595	9.095	977.0	4.903	34.921	27.625	9.079					
928.0	5.090	34.912	27.595	9.094	978.0	4.899	34.921	27.625	9.080					
929.0	5.089	34.913	27.597	9.092	979.0	4.897	34.921	27.625	9.079					
930.0	5.087	34.913	27.595	9.092	980.0	4.894	34.921	27.625	9.079					

TRANSMITTANCE IN VOLTS
8.00 10.00

SALINITY PPT
34.00 36.00

TEMPERATURE DEG C
10.00 20.00 30.00

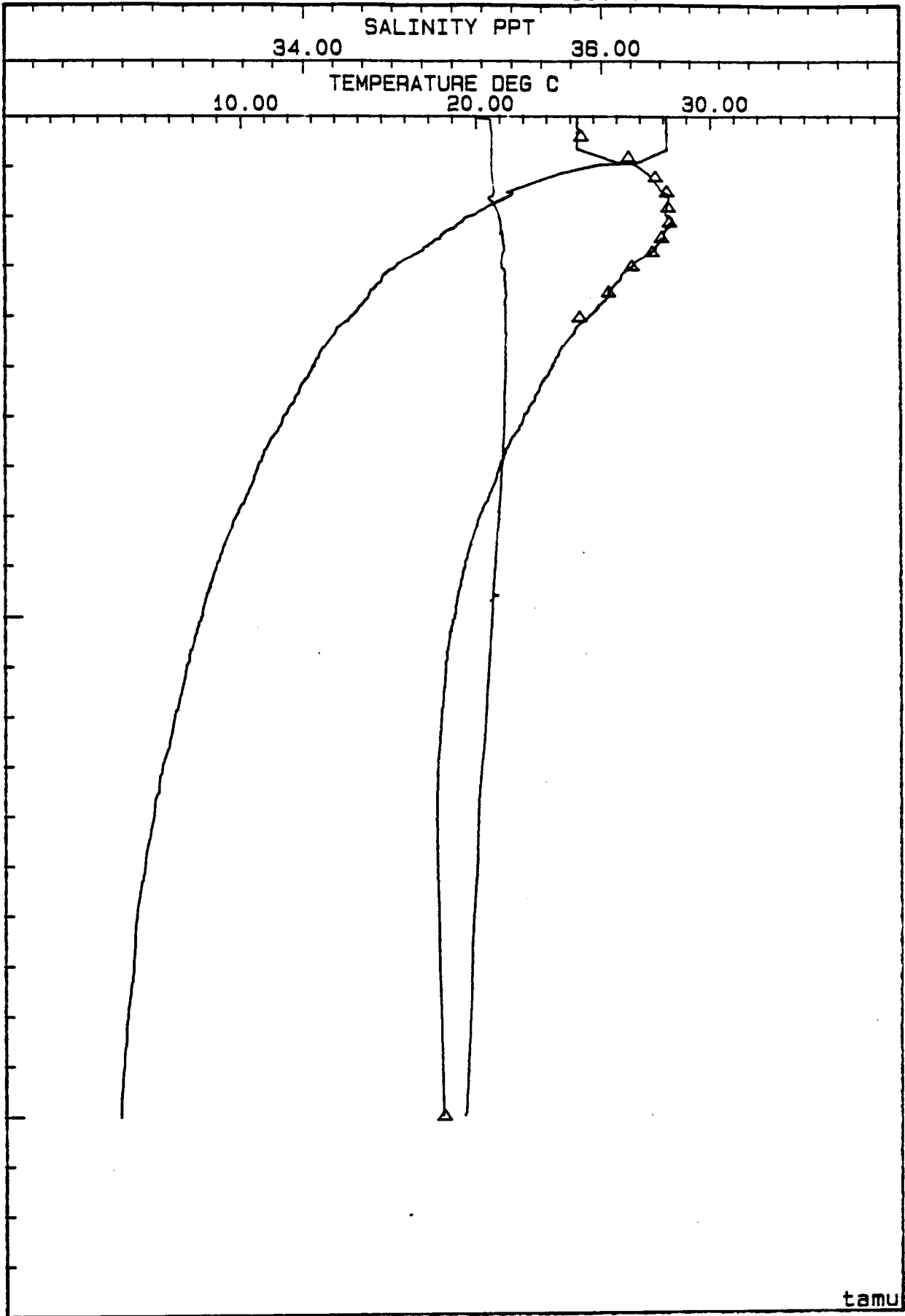
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CRUISE: 90g15 STATION: SB007.PL DATE: Oct 13 07: 10: 43 1990
LATITUDE: 28 40.0 LONGITUDE: 90 39.9
TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB009.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 287
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
3.0	28.367	36.079	23.088	9.270	53.0	28.216	36.387	23.369	9.246	103.0	21.074	36.410	25.549	9.286
4.0	28.329	36.065	23.090	9.266	54.0	28.201	36.380	23.369	9.257	104.0	21.015	36.406	25.562	9.287
5.0	28.235	36.078	23.130	9.260	55.0	28.054	36.347	23.392	9.258	105.0	20.942	36.402	25.579	9.286
6.0	28.232	36.075	23.129	9.261	56.0	27.745	36.313	23.468	9.242	106.0	20.873	36.403	25.598	9.287
7.0	28.220	36.082	23.139	9.260	57.0	27.198	36.300	23.635	9.230	107.0	20.817	36.406	25.616	9.289
8.0	28.253	36.106	23.146	9.258	58.0	26.608	36.324	23.843	9.230	108.0	20.773	36.401	25.624	9.291
9.0	28.272	36.111	23.143	9.257	59.0	26.207	36.315	23.963	9.227	109.0	20.677	36.401	25.650	9.290
10.0	28.261	36.114	23.149	9.261	60.0	25.326	36.386	24.136	9.237	110.0	20.590	36.406	25.677	9.291
11.0	28.232	36.102	23.150	9.263	61.0	25.746	36.435	24.198	9.243	111.0	20.528	36.407	25.696	9.292
12.0	28.197	36.091	23.153	9.263	62.0	25.589	36.401	24.221	9.236	112.0	20.463	36.411	25.716	9.288
13.0	28.182	36.093	23.159	9.267	63.0	25.371	36.391	24.281	9.243	113.0	20.386	36.412	25.737	9.284
14.0	28.186	36.098	23.162	9.268	64.0	25.193	36.363	24.315	9.236	114.0	20.275	36.420	25.773	9.290
15.0	28.181	36.096	23.162	9.270	65.0	24.814	36.317	24.396	9.226	115.0	20.189	36.422	25.798	9.291
16.0	28.175	36.096	23.164	9.262	66.0	24.581	36.338	24.482	9.234	116.0	20.134	36.426	25.815	9.289
17.0	28.174	36.100	23.167	9.271	67.0	24.414	36.345	24.538	9.235	117.0	20.057	36.421	25.832	9.292
18.0	28.177	36.104	23.170	9.271	68.0	24.346	36.369	24.576	9.242	118.0	19.931	36.424	25.868	9.297
19.0	28.176	36.104	23.170	9.267	69.0	24.321	36.394	24.603	9.239	119.0	19.813	36.424	25.897	9.291
20.0	28.173	36.106	23.171	9.272	70.0	24.166	36.384	24.642	9.234	120.0	19.617	36.420	25.948	9.301
21.0	28.294	36.178	23.187	9.270	71.0	23.990	36.382	24.693	9.228	121.0	19.495	36.424	25.983	9.304
22.0	28.341	36.216	23.199	9.266	72.0	23.860	36.382	24.731	9.224	122.0	19.427	36.429	26.004	9.304
23.0	28.352	36.236	23.212	9.264	73.0	23.717	36.377	24.770	9.227	123.0	19.352	36.422	26.018	9.307
24.0	28.360	36.240	23.211	9.265	74.0	23.604	36.371	24.799	9.230	124.0	19.182	36.422	26.063	9.310
25.0	28.361	36.242	23.212	9.264	75.0	23.423	36.372	24.853	9.224	125.0	19.101	36.434	26.093	9.306
26.0	28.368	36.260	23.223	9.267	76.0	23.325	36.392	24.897	9.243	126.0	19.072	36.427	26.095	9.306
27.0	28.363	36.274	23.236	9.270	77.0	23.332	36.389	24.893	9.250	127.0	19.013	36.427	26.110	9.314
28.0	28.347	36.292	23.255	9.272	78.0	23.189	36.408	24.948	9.249	128.0	18.975	36.425	26.119	9.312
29.0	28.350	36.306	23.270	9.274	79.0	23.093	36.420	24.985	9.251	129.0	18.877	36.417	26.137	9.315
30.0	28.305	36.305	23.278	9.276	80.0	23.016	36.411	25.001	9.259	130.0	18.763	36.421	26.169	9.317
31.0	28.271	36.302	23.287	9.275	81.0	22.872	36.420	25.050	9.264	131.0	18.722	36.418	26.178	9.316
32.0	28.216	36.288	23.295	9.276	82.0	22.733	36.414	25.084	9.272	132.0	18.662	36.414	26.190	9.316
33.0	28.198	36.285	23.299	9.278	83.0	22.583	36.405	25.121	9.261	133.0	18.561	36.402	26.207	9.317
34.0	28.209	36.296	23.303	9.277	84.0	22.415	36.402	25.167	9.265	134.0	18.407	36.400	26.244	9.317
35.0	28.250	36.321	23.306	9.280	85.0	22.322	36.403	25.195	9.271	135.0	18.338	36.399	26.261	9.320
36.0	28.284	36.338	23.310	9.275	86.0	22.218	36.392	25.215	9.270	136.0	18.306	36.398	26.268	9.320
37.0	28.320	36.353	23.309	9.281	87.0	22.115	36.375	25.232	9.272	137.0	18.286	36.397	26.273	9.320
38.0	28.332	36.362	23.312	9.279	88.0	21.980	36.371	25.267	9.277	138.0	18.253	36.389	26.274	9.321
39.0	28.337	36.365	23.313	9.281	89.0	21.912	36.370	25.284	9.277	139.0	18.185	36.361	26.285	9.323
40.0	28.339	36.368	23.314	9.277	90.0	21.876	36.373	25.298	9.279	140.0	18.076	36.370	26.304	9.324
41.0	28.359	36.371	23.317	9.270	91.0	21.810	36.370	25.314	9.281	141.0	17.942	36.362	26.351	9.323
42.0	28.334	36.372	23.319	9.273	92.0	21.725	36.386	25.350	9.285	142.0	17.872	36.355	26.344	9.323
43.0	28.326	36.370	23.320	9.271	93.0	21.704	36.394	25.362	9.287	143.0	17.750	36.342	26.364	9.324
44.0	28.311	36.366	23.322	9.262	94.0	21.668	36.396	25.375	9.283	144.0	17.657	36.337	26.362	9.323
45.0	28.298	36.366	23.326	9.261	95.0	21.618	36.398	25.389	9.289	145.0	17.595	36.330	26.392	9.324
46.0	28.315	36.373	23.326	9.262	96.0	21.580	36.406	25.406	9.257	146.0	17.571	36.329	26.407	9.326
47.0	28.311	36.369	23.324	9.249	97.0	21.553	36.406	25.414	9.268	147.0	17.501	36.325	26.411	9.325
48.0	28.297	36.362	23.324	9.243	98.0	21.496	36.411	25.437	9.287	148.0	17.461	36.320	26.418	9.321
49.0	28.282	36.357	23.325	9.242	99.0	21.414	36.396	25.444	9.282	149.0	17.439	36.320	26.422	9.325
50.0	28.279	36.356	23.325	9.259	100.0	21.284	36.403	25.483	9.279	150.0	17.393	36.317	26.428	9.325
51.0	28.291	36.348	23.328	9.267	101.0	21.195	36.409	25.514	9.272	151.0	17.370	36.306	26.437	9.325
52.0	28.210	36.353	23.345	9.261	102.0	21.130	36.412	25.537	9.264	152.0	17.259	36.297	26.449	9.326

STATION SD009.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 287
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
153.0	17.175	36.292	26.465	9.325	203.0	15.022	35.981	26.724	9.338	253.0	13.166	35.684	26.890	9.333
154.0	17.138	36.289	26.471	9.326	204.0	15.000	35.976	26.726	9.336	254.0	13.103	35.678	26.899	9.331
155.0	17.078	36.276	26.476	9.317	205.0	14.959	35.962	26.724	9.335	255.0	13.084	35.679	26.903	9.334
156.0	17.009	36.268	26.487	9.327	206.0	14.879	35.953	26.735	9.337	256.0	13.072	35.674	26.901	9.330
157.0	16.937	36.258	26.497	9.328	207.0	14.815	35.948	26.745	9.337	257.0	13.052	35.670	26.902	9.331
158.0	16.887	36.255	26.506	9.329	208.0	14.786	35.946	26.749	9.336	258.0	13.003	35.660	26.904	9.328
159.0	16.848	36.246	26.509	9.328	209.0	14.762	35.940	26.750	9.337	259.0	12.934	35.652	26.912	9.327
160.0	16.772	36.235	26.518	9.329	210.0	14.729	35.932	26.751	9.336	260.0	12.913	35.652	26.916	9.326
161.0	16.707	36.229	26.528	9.327	211.0	14.660	35.917	26.755	9.338	261.0	12.881	35.642	26.915	9.322
162.0	16.667	36.224	26.535	9.328	212.0	14.597	35.918	26.770	9.336	262.0	12.833	35.634	26.918	9.322
163.0	16.629	36.218	26.539	9.331	213.0	14.584	35.910	26.766	9.340	263.0	12.786	35.629	26.924	9.321
164.0	16.582	36.211	26.544	9.332	214.0	14.537	35.903	26.771	9.339	264.0	12.716	35.615	26.927	9.320
165.0	16.533	36.202	26.550	9.333	215.0	14.467	35.888	26.775	9.340	265.0	12.642	35.603	26.933	9.319
166.0	16.479	36.197	26.558	9.335	216.0	14.396	35.882	26.785	9.338	266.0	12.535	35.589	26.943	9.319
167.0	16.453	36.194	26.562	9.334	217.0	14.362	35.879	26.790	9.339	267.0	12.477	35.587	26.953	9.320
168.0	16.426	36.188	26.564	9.335	218.0	14.325	35.873	26.793	9.339	268.0	12.441	35.578	26.953	9.319
169.0	16.380	36.182	26.570	9.334	219.0	14.299	35.869	26.796	9.337	269.0	12.376	35.569	26.959	9.318
170.0	16.358	36.182	26.575	9.336	220.0	14.271	35.862	26.797	9.338	270.0	12.322	35.560	26.962	9.320
171.0	16.346	36.179	26.575	9.334	221.0	14.231	35.859	26.802	9.340	271.0	12.275	35.557	26.969	9.317
172.0	16.311	36.174	26.580	9.335	222.0	14.201	35.854	26.805	9.340	272.0	12.249	35.548	26.967	9.318
173.0	16.292	36.169	26.580	9.335	223.0	14.174	35.848	26.806	9.339	273.0	12.200	35.544	26.974	9.321
174.0	16.254	36.161	26.586	9.334	224.0	14.152	35.846	26.810	9.341	274.0	12.154	35.535	26.976	9.322
175.0	16.200	36.157	26.593	9.335	225.0	14.144	35.846	26.811	9.334	275.0	12.125	35.532	26.979	9.323
176.0	16.173	36.151	26.593	9.336	226.0	14.129	35.841	26.811	9.339	276.0	12.106	35.529	26.980	9.321
177.0	16.116	36.141	26.600	9.333	227.0	14.105	35.836	26.812	9.338	277.0	12.093	35.528	26.982	9.321
178.0	16.071	36.138	26.608	9.335	228.0	14.075	35.833	26.816	9.338	278.0	12.079	35.523	26.981	9.318
179.0	16.045	36.134	26.611	9.336	229.0	14.053	35.830	26.818	9.337	279.0	12.053	35.521	26.984	9.322
180.0	16.016	36.130	26.615	9.335	230.0	14.049	35.828	26.818	9.336	280.0	12.044	35.520	26.985	9.322
181.0	15.999	36.127	26.616	9.336	231.0	14.005	35.816	26.818	9.336	281.0	12.031	35.516	26.984	9.323
182.0	15.979	36.123	26.617	9.334	232.0	13.973	35.816	26.825	9.337	282.0	12.011	35.514	26.987	9.324
183.0	15.933	36.113	26.621	9.336	233.0	13.960	35.815	26.826	9.336	283.0	11.988	35.507	26.986	9.323
184.0	15.877	36.108	26.630	9.335	234.0	13.945	35.811	26.826	9.337	284.0	11.957	35.504	26.990	9.322
185.0	15.822	36.102	26.638	9.336	235.0	13.922	35.807	26.826	9.337	285.0	11.930	35.501	26.992	9.323
186.0	15.801	36.099	26.640	9.335	236.0	13.894	35.799	26.829	9.337	286.0	11.918	35.498	26.993	9.322
187.0	15.750	36.088	26.643	9.336	237.0	13.812	35.784	26.833	9.337	287.0	11.894	35.494	26.994	9.322
188.0	15.678	36.077	26.651	9.336	238.0	13.754	35.782	26.844	9.336	288.0	11.877	35.493	26.996	9.320
189.0	15.612	36.070	26.661	9.336	239.0	13.731	35.775	26.844	9.336	289.0	11.861	35.490	26.997	9.317
190.0	15.579	36.067	26.666	9.337	240.0	13.679	35.766	26.847	9.336	290.0	11.828	35.483	26.999	9.317
191.0	15.569	36.062	26.667	9.337	241.0	13.647	35.763	26.853	9.335	291.0	11.792	35.480	27.007	9.317
192.0	15.518	36.051	26.666	9.336	242.0	13.592	35.751	26.854	9.335	292.0	11.777	35.478	27.004	9.317
193.0	15.460	36.046	26.677	9.338	243.0	13.535	35.743	26.860	9.336	293.0	11.767	35.473	27.003	9.316
194.0	15.413	36.039	26.682	9.337	244.0	13.475	35.735	26.866	9.331	294.0	11.691	35.456	27.004	9.316
195.0	15.376	36.033	26.685	9.339	245.0	13.424	35.727	26.871	9.335	295.0	11.614	35.454	27.016	9.316
196.0	15.307	36.022	26.697	9.336	246.0	13.404	35.726	26.874	9.337	296.0	11.591	35.452	27.019	9.316
197.0	15.266	36.020	26.700	9.337	247.0	13.393	35.722	26.875	9.336	297.0	11.582	35.450	27.019	9.316
198.0	15.233	36.015	26.704	9.337	248.0	13.367	35.719	26.876	9.337	298.0	11.574	35.449	27.020	9.317
199.0	15.201	36.009	26.706	9.338	249.0	13.341	35.716	26.879	9.335	299.0	11.563	35.447	27.020	9.315
200.0	15.159	35.998	26.708	9.335	250.0	13.325	35.714	26.881	9.336	300.0	11.555	35.446	27.020	9.316
201.0	15.111	35.992	26.713	9.337	251.0	13.299	35.708	26.881	9.334	301.0	11.554	35.445	27.020	9.315
202.0	15.069	35.984	26.719	9.336	252.0	13.277	35.696	26.883	9.335	302.0	11.547	35.443	27.021	9.314

STATION SB009.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 297
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
303.0	11.544	35.443	27.021	9.313	353.0	10.657	35.310	27.079	9.286	407.0	9.972	35.215	27.125	9.259
304.0	11.542	35.442	27.020	9.313	354.0	10.628	35.309	27.083	9.288	404.0	9.919	35.210	27.130	9.260
305.0	11.538	35.441	27.020	9.313	355.0	10.620	35.308	27.084	9.288	405.0	9.892	35.207	27.133	9.260
306.0	11.532	35.438	27.019	9.314	356.0	10.611	35.307	27.085	9.287	406.0	9.879	35.206	27.134	9.259
307.0	11.493	35.430	27.020	9.311	357.0	10.598	35.304	27.085	9.286	407.0	9.867	35.204	27.135	9.260
308.0	11.442	35.426	27.026	9.313	358.0	10.587	35.303	27.087	9.285	408.0	9.858	35.203	27.135	9.259
309.0	11.419	35.425	27.030	9.312	359.0	10.580	35.302	27.087	9.284	409.0	9.839	35.198	27.135	9.259
310.0	11.402	35.420	27.029	9.312	360.0	10.576	35.302	27.087	9.284	410.0	9.823	35.197	27.137	9.258
311.0	11.396	35.419	27.031	9.312	361.0	10.571	35.301	27.088	9.283	411.0	9.806	35.193	27.136	9.258
312.0	11.366	35.415	27.032	9.311	362.0	10.567	35.301	27.088	9.283	412.0	9.781	35.189	27.137	9.258
313.0	11.358	35.416	27.034	9.311	363.0	10.560	35.298	27.088	9.280	413.0	9.761	35.188	27.140	9.257
314.0	11.351	35.413	27.033	9.310	364.0	10.544	35.296	27.089	9.280	414.0	9.737	35.180	27.137	9.257
315.0	11.326	35.408	27.034	9.306	365.0	10.529	35.295	27.091	9.278	415.0	9.682	35.172	27.141	9.257
316.0	11.299	35.405	27.037	9.307	366.0	10.526	35.295	27.091	9.278	416.0	9.641	35.170	27.146	9.257
317.0	11.262	35.401	27.041	9.308	367.0	10.524	35.295	27.091	9.278	417.0	9.609	35.166	27.148	9.256
318.0	11.253	35.401	27.042	9.308	368.0	10.523	35.295	27.091	9.277	418.0	9.584	35.165	27.152	9.254
319.0	11.244	35.398	27.042	9.304	369.0	10.514	35.292	27.091	9.277	419.0	9.570	35.162	27.152	9.254
320.0	11.231	35.396	27.042	9.307	370.0	10.490	35.284	27.089	9.277	420.0	9.556	35.161	27.154	9.253
321.0	11.212	35.393	27.043	9.307	371.0	10.422	35.279	27.097	9.278	421.0	9.550	35.161	27.154	9.254
322.0	11.198	35.391	27.044	9.308	372.0	10.399	35.277	27.100	9.278	422.0	9.546	35.160	27.154	9.253
323.0	11.183	35.389	27.045	9.306	373.0	10.389	35.275	27.100	9.279	423.0	9.546	35.160	27.155	9.252
324.0	11.166	35.384	27.045	9.307	374.0	10.367	35.273	27.102	9.277	424.0	9.545	35.159	27.154	9.254
325.0	11.131	35.330	27.048	9.305	375.0	10.354	35.271	27.103	9.276	425.0	9.533	35.158	27.155	9.249
326.0	11.115	35.380	27.051	9.299	376.0	10.342	35.271	27.104	9.276	426.0	9.504	35.153	27.156	9.252
327.0	11.105	35.379	27.052	9.302	377.0	10.330	35.266	27.105	9.277	427.0	9.460	35.151	27.161	9.250
328.0	11.103	35.377	27.051	9.302	378.0	10.297	35.262	27.106	9.278	428.0	9.433	35.149	27.165	9.250
329.0	11.100	35.377	27.052	9.302	379.0	10.276	35.260	27.107	9.276	429.0	9.419	35.149	27.167	9.250
330.0	11.096	35.377	27.052	9.300	380.0	10.233	35.249	27.107	9.276	430.0	9.404	35.146	27.167	9.250
331.0	11.092	35.375	27.052	9.302	381.0	10.192	35.251	27.115	9.274	431.0	9.386	35.144	27.168	9.250
332.0	11.079	35.368	27.048	9.300	382.0	10.189	35.250	27.115	9.274	432.0	9.368	35.141	27.169	9.247
333.0	11.021	35.361	27.053	9.299	383.0	10.187	35.249	27.115	9.272	433.0	9.344	35.137	27.170	9.249
334.0	10.969	35.353	27.057	9.293	384.0	10.183	35.248	27.115	9.272	434.0	9.323	35.137	27.173	9.248
335.0	10.941	35.354	27.063	9.297	385.0	10.178	35.246	27.115	9.268	435.0	9.319	35.136	27.173	9.250
336.0	10.935	35.353	27.063	9.298	386.0	10.171	35.245	27.115	9.268	436.0	9.302	35.133	27.174	9.245
337.0	10.925	35.349	27.062	9.297	387.0	10.158	35.245	27.115	9.267	437.0	9.279	35.131	27.176	9.246
338.0	10.893	35.345	27.063	9.297	388.0	10.143	35.240	27.115	9.265	438.0	9.269	35.131	27.177	9.245
339.0	10.870	35.341	27.065	9.298	389.0	10.114	35.237	27.118	9.261	439.0	9.264	35.130	27.178	9.245
340.0	10.844	35.340	27.069	9.296	390.0	10.089	35.235	27.121	9.261	440.0	9.260	35.130	27.178	9.245
341.0	10.839	35.340	27.071	9.295	391.0	10.076	35.233	27.122	9.264	441.0	9.258	35.130	27.178	9.245
342.0	10.829	35.337	27.070	9.295	392.0	10.063	35.231	27.122	9.264	442.0	9.250	35.127	27.177	9.243
343.0	10.803	35.331	27.070	9.296	393.0	10.047	35.229	27.123	9.262	443.0	9.234	35.125	27.179	9.243
344.0	10.782	35.331	27.073	9.294	394.0	10.034	35.226	27.123	9.262	444.0	9.222	35.125	27.181	9.241
345.0	10.767	35.329	27.074	9.294	395.0	10.014	35.224	27.126	9.263	445.0	9.218	35.126	27.182	9.242
346.0	10.752	35.327	27.076	9.293	396.0	10.006	35.224	27.126	9.264	446.0	9.214	35.126	27.181	9.242
347.0	10.737	35.324	27.076	9.293	397.0	10.001	35.223	27.127	9.263	447.0	9.210	35.123	27.181	9.240
348.0	10.712	35.323	27.078	9.292	398.0	9.993	35.223	27.126	9.264	448.0	9.203	35.122	27.181	9.240
349.0	10.718	35.323	27.079	9.292	399.0	9.995	35.221	27.126	9.266	449.0	9.187	35.120	27.187	9.239
350.0	10.710	35.319	27.077	9.292	400.0	9.989	35.220	27.126	9.261	450.0	9.169	35.118	27.184	9.239
351.0	10.692	35.318	27.079	9.291	401.0	9.982	35.220	27.127	9.261	451.0	9.143	35.114	27.184	9.239
352.0	10.683	35.315	27.079	9.289	402.0	9.979	35.219	27.127	9.261	452.0	9.132	35.114	27.187	9.238

STATION SB009.OUT::C CRUISE 90q15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 267
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
453.0	8.124	35.113	27.187	9.237	503.0	8.566	35.047	27.224	9.210	553.0	7.923	34.985	27.274	9.185
454.0	8.115	35.112	27.188	9.238	504.0	8.558	35.047	27.226	9.210	554.0	7.911	34.984	27.275	9.186
455.0	8.110	35.112	27.188	9.237	505.0	8.547	35.045	27.226	9.209	555.0	7.902	34.984	27.276	9.183
456.0	8.106	35.112	27.189	9.238	506.0	8.521	35.040	27.226	9.210	556.0	7.897	34.984	27.277	9.185
457.0	8.097	35.109	27.188	9.237	507.0	8.486	35.038	27.230	9.208	557.0	7.891	34.983	27.277	9.184
458.0	8.088	35.109	27.190	9.236	508.0	8.471	35.039	27.233	9.209	558.0	7.880	34.982	27.278	9.185
459.0	8.085	35.103	27.190	9.236	509.0	8.462	35.037	27.233	9.208	559.0	7.876	34.982	27.279	9.182
460.0	8.075	35.106	27.190	9.235	510.0	8.452	35.037	27.234	9.207	560.0	7.870	34.982	27.280	9.182
461.0	8.059	35.104	27.191	9.234	511.0	8.448	35.035	27.234	9.207	561.0	7.865	34.979	27.278	9.181
462.0	8.053	35.104	27.191	9.234	512.0	8.430	35.033	27.234	9.205	562.0	7.848	34.979	27.280	9.181
463.0	8.044	35.104	27.193	9.233	513.0	8.393	35.025	27.234	9.206	563.0	7.842	34.979	27.281	9.181
464.0	8.038	35.101	27.192	9.233	514.0	8.341	35.025	27.242	9.205	564.0	7.839	34.978	27.281	9.179
465.0	8.025	35.101	27.194	9.230	515.0	8.326	35.024	27.244	9.204	565.0	7.826	34.976	27.281	9.183
466.0	8.021	35.101	27.194	9.233	516.0	8.319	35.024	27.245	9.205	566.0	7.816	34.977	27.283	9.181
467.0	8.009	35.099	27.194	9.229	517.0	8.313	35.022	27.244	9.204	567.0	7.813	34.976	27.283	9.177
468.0	8.006	35.099	27.195	9.230	518.0	8.289	35.018	27.245	9.206	568.0	7.809	34.977	27.285	9.178
469.0	8.004	35.098	27.195	9.229	519.0	8.271	35.019	27.248	9.204	569.0	7.803	34.976	27.285	9.178
470.0	8.996	35.097	27.196	9.228	520.0	8.267	35.019	27.249	9.201	570.0	7.802	34.975	27.284	9.176
471.0	8.992	35.097	27.196	9.226	521.0	8.266	35.019	27.249	9.201	571.0	7.800	34.975	27.285	9.176
472.0	8.989	35.096	27.196	9.230	522.0	8.264	35.019	27.249	9.201	572.0	7.798	34.975	27.284	9.175
473.0	8.986	35.096	27.197	9.228	523.0	8.257	35.017	27.249	9.200	573.0	7.792	34.973	27.284	9.175
474.0	8.981	35.094	27.196	9.228	524.0	8.243	35.015	27.249	9.200	574.0	7.778	34.972	27.285	9.177
475.0	8.968	35.093	27.197	9.226	525.0	8.233	35.015	27.251	9.200	575.0	7.761	34.970	27.287	9.175
476.0	8.953	35.091	27.198	9.226	526.0	8.229	35.014	27.250	9.199	576.0	7.744	34.970	27.289	9.175
477.0	8.942	35.090	27.198	9.226	527.0	8.219	35.013	27.251	9.199	577.0	7.734	34.970	27.290	9.176
478.0	8.931	35.089	27.199	9.225	528.0	8.209	35.013	27.252	9.199	578.0	7.728	34.969	27.290	9.173
479.0	8.925	35.088	27.199	9.223	529.0	8.208	35.012	27.252	9.199	579.0	7.725	34.968	27.290	9.173
480.0	8.913	35.086	27.200	9.223	530.0	8.199	35.010	27.252	9.198	580.0	7.715	34.968	27.292	9.172
481.0	8.893	35.082	27.200	9.221	531.0	8.188	35.010	27.253	9.198	581.0	7.709	34.967	27.292	9.171
482.0	8.876	35.084	27.204	9.222	532.0	8.180	35.009	27.253	9.197	582.0	7.700	34.966	27.292	9.173
483.0	8.857	35.079	27.203	9.221	533.0	8.164	35.006	27.254	9.196	583.0	7.691	34.965	27.293	9.171
484.0	8.832	35.077	27.206	9.220	534.0	8.156	35.007	27.256	9.196	584.0	7.686	34.965	27.294	9.171
485.0	8.819	35.075	27.207	9.220	535.0	8.141	35.003	27.256	9.197	585.0	7.681	34.964	27.293	9.170
486.0	8.802	35.074	27.208	9.220	536.0	8.122	35.004	27.259	9.194	586.0	7.656	34.960	27.294	9.171
487.0	8.794	35.073	27.209	9.221	537.0	8.120	35.003	27.258	9.195	587.0	7.621	34.951	27.298	9.170
488.0	8.782	35.071	27.209	9.220	538.0	8.102	35.001	27.259	9.195	588.0	7.610	34.955	27.300	9.169
489.0	8.767	35.071	27.211	9.219	539.0	8.093	35.001	27.261	9.195	589.0	7.591	34.955	27.300	9.171
490.0	8.756	35.068	27.211	9.218	540.0	8.097	34.999	27.261	9.193	590.0	7.580	34.957	27.302	9.171
491.0	8.745	35.063	27.213	9.217	541.0	8.075	34.993	27.261	9.192	591.0	7.574	34.955	27.302	9.169
492.0	8.730	35.064	27.212	9.219	542.0	8.045	34.994	27.262	9.192	592.0	7.563	34.955	27.305	9.169
493.0	8.712	35.063	27.214	9.216	543.0	8.024	34.985	27.267	9.192	593.0	7.565	34.955	27.303	9.168
494.0	8.698	35.062	27.215	9.215	544.0	8.011	34.994	27.268	9.193	594.0	7.557	34.954	27.304	9.168
495.0	8.689	35.061	27.216	9.216	545.0	7.993	34.991	27.268	9.190	595.0	7.548	34.952	27.303	9.168
496.0	8.674	35.057	27.215	9.214	546.0	7.973	34.991	27.270	9.191	596.0	7.517	34.948	27.305	9.167
497.0	8.653	35.057	27.219	9.216	547.0	7.957	34.990	27.271	9.185	597.0	7.506	34.951	27.309	9.165
498.0	8.633	35.055	27.220	9.214	548.0	7.964	34.989	27.271	9.189	598.0	7.507	34.950	27.306	9.165
499.0	8.621	35.055	27.222	9.211	549.0	7.953	34.990	27.273	9.189	599.0	7.501	34.953	27.306	9.165
500.0	8.619	35.055	27.222	9.212	550.0	7.950	34.981	27.271	9.188	600.0	7.477	34.947	27.316	9.163
501.0	8.616	35.053	27.222	9.211	551.0	7.935	34.984	27.273	9.186	601.0	7.460	34.947	27.312	9.164
502.0	8.584	35.041	27.221	9.211	552.0	7.927	34.985	27.273	9.184	602.0	7.471	34.944	27.317	9.162

STATION SBO09.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 237
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

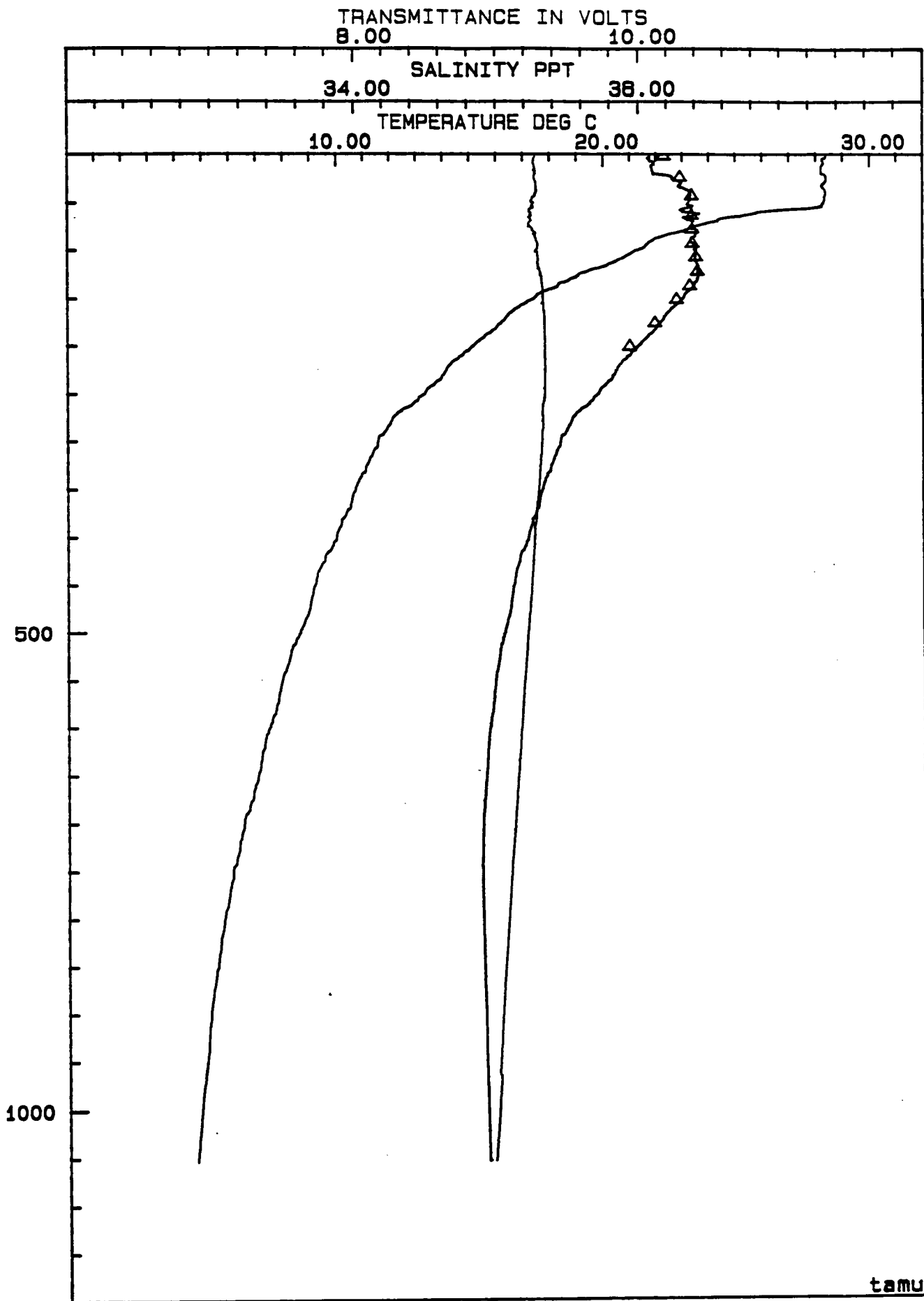
DEPTH	TEMP	SALT	SIGNA-T	XSH	DEPTH	TEMP	SALT	SIGNA-T	XSH	DEPTH	TEMP	SALT	SIGNA-T	XSH
603.0	7.422	34.945	27.316	9.162	653.0	7.017	34.920	27.354	9.139	703.0	6.504	34.896	27.405	9.117
604.0	7.418	34.945	27.316	9.162	654.0	7.017	34.919	27.353	9.137	704.0	6.500	34.897	27.406	9.116
605.0	7.412	34.943	27.316	9.162	655.0	7.013	34.918	27.353	9.139	705.0	6.498	34.896	27.406	9.117
606.0	7.398	34.942	27.317	9.160	656.0	7.006	34.918	27.354	9.133	706.0	6.491	34.896	27.407	9.115
607.0	7.367	34.939	27.319	9.160	657.0	6.990	34.916	27.354	9.137	707.0	6.482	34.894	27.406	9.111
608.0	7.344	34.941	27.324	9.160	658.0	6.971	34.916	27.357	9.137	708.0	6.455	34.895	27.410	9.112
609.0	7.343	34.939	27.323	9.159	659.0	6.952	34.913	27.357	9.137	709.0	6.443	34.896	27.413	9.114
610.0	7.339	34.939	27.323	9.161	660.0	6.935	34.914	27.360	9.137	710.0	6.434	34.896	27.414	9.114
611.0	7.330	34.938	27.323	9.160	661.0	6.932	34.914	27.361	9.136	711.0	6.428	34.896	27.415	9.110
612.0	7.316	34.938	27.325	9.160	662.0	6.930	34.914	27.361	9.136	712.0	6.426	34.895	27.415	9.112
613.0	7.309	34.938	27.327	9.159	663.0	6.919	34.912	27.361	9.136	713.0	6.417	34.895	27.415	9.112
614.0	7.307	34.937	27.326	9.158	664.0	6.897	34.912	27.364	9.135	714.0	6.409	34.896	27.417	9.112
615.0	7.292	34.935	27.327	9.157	665.0	6.889	34.913	27.365	9.134	715.0	6.408	34.893	27.416	9.110
616.0	7.285	34.936	27.328	9.157	666.0	6.880	34.910	27.365	9.133	716.0	6.401	34.893	27.416	9.109
617.0	7.283	34.936	27.328	9.157	667.0	6.871	34.911	27.367	9.133	717.0	6.380	34.892	27.418	9.103
618.0	7.280	34.935	27.329	9.157	668.0	6.866	34.911	27.368	9.131	718.0	6.366	34.893	27.421	9.103
619.0	7.277	34.935	27.329	9.157	669.0	6.864	34.911	27.368	9.130	719.0	6.357	34.894	27.423	9.107
620.0	7.275	34.934	27.329	9.156	670.0	6.862	34.911	27.368	9.131	720.0	6.352	34.894	27.424	9.109
621.0	7.268	34.934	27.329	9.156	671.0	6.859	34.910	27.368	9.131	721.0	6.348	34.894	27.424	9.105
622.0	7.256	34.931	27.329	9.156	672.0	6.855	34.910	27.368	9.132	722.0	6.345	34.893	27.424	9.107
623.0	7.233	34.931	27.332	9.156	673.0	6.849	34.910	27.369	9.131	723.0	6.344	34.894	27.424	9.106
624.0	7.217	34.930	27.333	9.152	674.0	6.845	34.910	27.369	9.131	724.0	6.344	34.894	27.425	9.104
625.0	7.201	34.930	27.336	9.153	675.0	6.836	34.908	27.369	9.130	725.0	6.343	34.893	27.424	9.104
626.0	7.197	34.930	27.336	9.153	676.0	6.805	34.902	27.369	9.131	726.0	6.342	34.894	27.425	9.104
627.0	7.194	34.929	27.336	9.152	677.0	6.772	34.905	27.376	9.127	727.0	6.341	34.893	27.424	9.103
628.0	7.189	34.929	27.337	9.151	678.0	6.765	34.905	27.376	9.128	728.0	6.336	34.893	27.424	9.102
629.0	7.188	34.928	27.336	9.153	679.0	6.749	34.904	27.378	9.128	729.0	6.328	34.892	27.425	9.103
630.0	7.180	34.928	27.337	9.150	680.0	6.737	34.904	27.379	9.127	730.0	6.316	34.892	27.427	9.101
631.0	7.177	34.928	27.337	9.150	681.0	6.725	34.904	27.381	9.126	731.0	6.304	34.892	27.428	9.102
632.0	7.174	34.928	27.338	9.150	682.0	6.718	34.905	27.383	9.126	732.0	6.295	34.892	27.429	9.102
633.0	7.167	34.928	27.339	9.151	683.0	6.717	34.905	27.384	9.125	733.0	6.284	34.890	27.429	9.100
634.0	7.162	34.927	27.339	9.145	684.0	6.716	34.904	27.382	9.126	734.0	6.270	34.991	27.432	9.101
635.0	7.150	34.926	27.340	9.147	685.0	6.716	34.902	27.381	9.126	735.0	6.252	34.892	27.435	9.099
636.0	7.141	34.926	27.341	9.147	686.0	6.709	34.900	27.380	9.125	736.0	6.243	34.893	27.437	9.099
637.0	7.134	34.927	27.343	9.147	687.0	6.673	34.901	27.386	9.122	737.0	6.243	34.889	27.434	9.096
638.0	7.133	34.927	27.343	9.148	688.0	6.659	34.901	27.388	9.121	738.0	6.238	34.890	27.436	9.093
639.0	7.133	34.927	27.343	9.148	689.0	6.639	34.898	27.389	9.121	739.0	6.237	34.889	27.435	9.096
640.0	7.134	34.926	27.342	9.145	690.0	6.593	34.896	27.393	9.123	740.0	6.236	34.890	27.436	9.095
641.0	7.124	34.925	27.343	9.147	691.0	6.570	34.899	27.398	9.120	741.0	6.232	34.888	27.435	9.097
642.0	7.115	34.925	27.344	9.145	692.0	6.558	34.899	27.400	9.121	742.0	6.215	34.888	27.437	9.094
643.0	7.115	34.924	27.344	9.144	693.0	6.542	34.898	27.400	9.120	743.0	6.198	34.888	27.439	9.094
644.0	7.105	34.924	27.344	9.147	694.0	6.537	34.897	27.401	9.120	744.0	6.172	34.886	27.441	9.095
645.0	7.095	34.923	27.345	9.144	695.0	6.526	34.895	27.403	9.120	745.0	6.132	34.889	27.443	9.094
646.0	7.074	34.921	27.347	9.147	696.0	6.523	34.893	27.404	9.119	746.0	6.120	34.896	27.451	9.093
647.0	7.060	34.921	27.348	9.145	697.0	6.521	34.897	27.404	9.113	747.0	6.115	34.895	27.451	9.094
648.0	7.052	34.922	27.350	9.142	698.0	6.518	34.899	27.404	9.117	748.0	6.111	34.891	27.453	9.092
649.0	7.049	34.921	27.350	9.141	699.0	6.514	34.897	27.405	9.115	749.0	6.109	34.891	27.453	9.092
650.0	7.040	34.920	27.351	9.140	700.0	6.510	34.897	27.405	9.116	750.0	6.109	34.890	27.452	9.092
651.0	7.030	34.920	27.352	9.141	701.0	6.506	34.897	27.405	9.116	751.0	6.109	34.890	27.452	9.091
652.0	7.020	34.920	27.353	9.141	702.0	6.505	34.897	27.405	9.117	752.0	6.103	34.891	27.453	9.092

STATION SB009.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 15:36:44 1990, Julian day = 237
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
753.0	6.107	34.890	27.452	9.092	803.0	5.766	34.896	27.500	9.069	853.0	5.489	34.904	27.541	9.046
754.0	6.106	34.890	27.453	9.093	804.0	5.765	34.896	27.501	9.068	854.0	5.497	34.904	27.542	9.045
755.0	6.105	34.890	27.452	9.090	805.0	5.764	34.896	27.501	9.069	855.0	5.495	34.904	27.542	9.045
756.0	6.106	34.890	27.452	9.087	806.0	5.755	34.895	27.501	9.068	856.0	5.484	34.904	27.542	9.044
757.0	6.102	34.889	27.453	9.089	807.0	5.744	34.897	27.504	9.069	857.0	5.484	34.903	27.541	9.045
758.0	6.098	34.892	27.457	9.089	808.0	5.744	34.897	27.504	9.068	858.0	5.480	34.903	27.541	9.044
759.0	6.072	34.889	27.456	9.087	809.0	5.742	34.896	27.504	9.067	859.0	5.473	34.904	27.543	9.042
760.0	6.062	34.890	27.458	9.088	810.0	5.737	34.896	27.504	9.066	860.0	5.468	34.906	27.545	9.044
761.0	6.049	34.889	27.459	9.088	811.0	5.733	34.897	27.505	9.067	861.0	5.464	34.904	27.544	9.043
762.0	6.034	34.890	27.462	9.086	812.0	5.726	34.896	27.506	9.064	862.0	5.458	34.906	27.546	9.042
763.0	6.030	34.890	27.462	9.085	813.0	5.715	34.897	27.508	9.066	863.0	5.456	34.902	27.544	9.041
764.0	6.028	34.891	27.463	9.086	814.0	5.709	34.897	27.509	9.066	864.0	5.449	34.902	27.545	9.042
765.0	6.026	34.891	27.463	9.085	815.0	5.700	34.897	27.509	9.065	865.0	5.440	34.904	27.547	9.041
766.0	6.019	34.889	27.463	9.084	816.0	5.691	34.896	27.510	9.063	866.0	5.439	34.904	27.547	9.041
767.0	6.002	34.890	27.466	9.083	817.0	5.679	34.898	27.513	9.064	867.0	5.430	34.904	27.549	9.041
768.0	5.990	34.891	27.468	9.084	818.0	5.672	34.898	27.513	9.064	868.0	5.423	34.905	27.550	9.037
769.0	5.985	34.891	27.469	9.082	819.0	5.664	34.899	27.515	9.064	869.0	5.419	34.905	27.550	9.039
770.0	5.983	34.891	27.469	9.083	820.0	5.659	34.898	27.515	9.062	870.0	5.415	34.905	27.551	9.039
771.0	5.981	34.891	27.469	9.083	821.0	5.654	34.899	27.517	9.061	871.0	5.411	34.905	27.552	9.037
772.0	5.979	34.891	27.469	9.082	822.0	5.653	34.899	27.517	9.061	872.0	5.392	34.906	27.554	9.037
773.0	5.972	34.891	27.470	9.082	823.0	5.648	34.899	27.516	9.061	873.0	5.381	34.907	27.557	9.039
774.0	5.969	34.891	27.471	9.081	824.0	5.646	34.899	27.519	9.062	874.0	5.376	34.907	27.557	9.039
775.0	5.967	34.891	27.471	9.081	825.0	5.645	34.899	27.518	9.060	875.0	5.373	34.908	27.559	9.039
776.0	5.960	34.891	27.472	9.081	826.0	5.643	34.899	27.518	9.059	876.0	5.367	34.908	27.559	9.035
777.0	5.949	34.892	27.474	9.081	827.0	5.640	34.899	27.519	9.059	877.0	5.363	34.908	27.559	9.035
778.0	5.942	34.892	27.475	9.081	828.0	5.639	34.899	27.516	9.059	878.0	5.358	34.909	27.561	9.035
779.0	5.938	34.894	27.477	9.078	829.0	5.637	34.900	27.519	9.060	879.0	5.354	34.910	27.562	9.034
780.0	5.937	34.893	27.476	9.079	830.0	5.636	34.899	27.519	9.057	880.0	5.354	34.907	27.560	9.036
781.0	5.936	34.892	27.476	9.080	831.0	5.633	34.899	27.519	9.057	881.0	5.351	34.907	27.560	9.035
782.0	5.924	34.892	27.478	9.078	832.0	5.625	34.899	27.520	9.056	882.0	5.345	34.910	27.563	9.034
783.0	5.920	34.893	27.478	9.079	833.0	5.616	34.899	27.521	9.055	883.0	5.343	34.909	27.563	9.035
784.0	5.916	34.893	27.479	9.079	834.0	5.611	34.899	27.522	9.055	884.0	5.340	34.908	27.562	9.035
785.0	5.909	34.892	27.479	9.077	835.0	5.605	34.898	27.522	9.055	885.0	5.333	34.909	27.564	9.037
786.0	5.903	34.893	27.480	9.077	836.0	5.595	34.899	27.524	9.055	886.0	5.326	34.909	27.565	9.033
787.0	5.889	34.892	27.482	9.076	837.0	5.586	34.900	27.526	9.053	887.0	5.319	34.909	27.566	9.034
788.0	5.889	34.893	27.485	9.076	838.0	5.583	34.901	27.527	9.054	888.0	5.314	34.910	27.567	9.034
789.0	5.883	34.895	27.483	9.075	839.0	5.579	34.901	27.527	9.052	889.0	5.307	34.910	27.568	9.033
790.0	5.880	34.893	27.488	9.072	840.0	5.574	34.901	27.528	9.053	890.0	5.304	34.910	27.569	9.033
791.0	5.832	34.894	27.490	9.074	841.0	5.567	34.900	27.529	9.051	891.0	5.300	34.910	27.569	9.033
792.0	5.819	34.895	27.494	9.072	842.0	5.561	34.901	27.530	9.052	892.0	5.291	34.911	27.571	9.032
793.0	5.815	34.895	27.494	9.073	843.0	5.556	34.901	27.531	9.050	893.0	5.287	34.910	27.571	9.030
794.0	5.811	34.895	27.494	9.073	844.0	5.555	34.901	27.531	9.051	894.0	5.283	34.911	27.572	9.030
795.0	5.806	34.895	27.495	9.072	845.0	5.554	34.901	27.531	9.049	895.0	5.280	34.911	27.572	9.030
796.0	5.802	34.896	27.495	9.073	846.0	5.550	34.901	27.531	9.049	896.0	5.277	34.912	27.573	9.031
797.0	5.797	34.895	27.496	9.073	847.0	5.547	34.901	27.532	9.049	897.0	5.273	34.911	27.573	9.030
798.0	5.790	34.896	27.498	9.072	848.0	5.544	34.902	27.533	9.048	898.0	5.270	34.911	27.573	9.029
799.0	5.784	34.896	27.493	9.073	849.0	5.543	34.901	27.532	9.049	899.0	5.267	34.911	27.572	9.029
800.0	5.779	34.895	27.499	9.069	850.0	5.542	34.901	27.532	9.047	900.0	5.264	34.912	27.573	9.028
801.0	5.769	34.896	27.500	9.069	851.0	5.534	34.900	27.532	9.047	901.0	5.266	34.911	27.573	9.029
802.0	5.768	34.895	27.500	9.071	852.0	5.511	34.901	27.535	9.047	902.0	5.274	34.912	27.572	9.029

STATION SB009.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 16:36:44 1990, Julian day = 297
 LAT 26 19.51 LON 89 59.23 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
903.0	5.273	34.911	27.573	9.027	953.0	5.109	34.918	27.598	9.011	1003.0	4.913	34.927	27.628	9.001
904.0	5.269	34.911	27.574	9.025	954.0	5.105	34.918	27.598	9.009	1004.0	4.909	34.926	27.627	9.000
905.0	5.266	34.912	27.574	9.025	955.0	5.101	34.919	27.599	9.009	1005.0	4.903	34.927	27.629	9.999
906.0	5.266	34.911	27.574	9.027	956.0	5.096	34.919	27.600	9.010	1006.0	4.901	34.928	27.630	9.000
907.0	5.263	34.911	27.574	9.025	957.0	5.093	34.919	27.600	9.009	1007.0	4.899	34.927	27.630	8.999
908.0	5.255	34.911	27.575	9.024	958.0	5.087	34.920	27.602	9.008	1008.0	4.897	34.928	27.630	8.998
909.0	5.244	34.912	27.577	9.027	959.0	5.082	34.919	27.602	9.004	1009.0	4.896	34.927	27.630	8.996
910.0	5.237	34.913	27.579	9.024	960.0	5.071	34.920	27.604	9.006	1010.0	4.895	34.927	27.630	8.995
911.0	5.235	34.913	27.579	9.023	961.0	5.068	34.920	27.604	9.005	1011.0	4.894	34.928	27.631	8.996
912.0	5.232	34.913	27.579	9.024	962.0	5.066	34.920	27.604	9.006	1012.0	4.894	34.928	27.630	8.997
913.0	5.223	34.913	27.580	9.026	963.0	5.064	34.920	27.604	9.006	1013.0	4.894	34.927	27.630	8.995
914.0	5.217	34.913	27.581	9.023	964.0	5.060	34.921	27.605	9.009	1014.0	4.890	34.928	27.631	8.996
915.0	5.214	34.914	27.582	9.024	965.0	5.057	34.920	27.606	9.016	1015.0	4.886	34.928	27.632	8.995
916.0	5.213	34.914	27.582	9.024	966.0	5.053	34.921	27.606	9.016	1016.0	4.881	34.929	27.633	8.993
917.0	5.212	34.913	27.582	9.024	967.0	5.052	34.921	27.606	9.014	1017.0	4.876	34.928	27.633	8.993
918.0	5.210	34.914	27.583	9.022	968.0	5.052	34.921	27.606	9.016	1019.0	4.872	34.929	27.634	8.993
919.0	5.209	34.914	27.582	9.022	969.0	5.050	34.921	27.607	9.015	1019.0	4.870	34.929	27.634	8.993
920.0	5.208	34.914	27.583	9.019	970.0	5.045	34.921	27.607	9.016	1020.0	4.864	34.928	27.634	8.994
921.0	5.206	34.914	27.583	9.022	971.0	5.042	34.920	27.607	9.014	1021.0	4.858	34.930	27.636	8.993
922.0	5.204	34.913	27.583	9.021	972.0	5.034	34.922	27.609	9.014	1022.0	4.855	34.931	27.637	8.994
923.0	5.200	34.914	27.583	9.019	973.0	5.028	34.922	27.610	9.014	1023.0	4.853	34.930	27.637	8.992
924.0	5.197	34.914	27.584	9.020	974.0	5.019	34.922	27.612	9.014	1024.0	4.853	34.930	27.637	8.990
925.0	5.193	34.914	27.585	9.021	975.0	5.011	34.922	27.613	9.013	1025.0	4.852	34.930	27.638	8.989
926.0	5.191	34.914	27.585	9.020	976.0	5.004	34.923	27.614	9.011	1026.0	4.845	34.930	27.638	8.991
927.0	5.188	34.914	27.585	9.019	977.0	4.999	34.924	27.615	9.012	1027.0	4.840	34.931	27.639	8.989
928.0	5.184	34.914	27.586	9.020	978.0	4.991	34.924	27.616	9.011	1029.0	4.837	34.931	27.640	8.990
929.0	5.182	34.915	27.587	9.019	979.0	4.988	34.924	27.617	9.011	1029.0	4.834	34.930	27.640	8.988
930.0	5.182	34.915	27.586	9.020	980.0	4.985	34.924	27.617	9.011	1030.0	4.828	34.931	27.641	8.986
931.0	5.181	34.916	27.587	9.019	981.0	4.981	34.925	27.618	9.008	1031.0	4.825	34.931	27.641	8.985
932.0	5.181	34.915	27.587	9.019	982.0	4.978	34.924	27.618	9.009	1032.0	4.824	34.931	27.642	8.985
933.0	5.181	34.915	27.586	9.018	983.0	4.975	34.926	27.620	9.009	1033.0	4.823	34.931	27.641	8.984
934.0	5.179	34.915	27.587	9.018	984.0	4.972	34.923	27.617	9.010	1034.0	4.818	34.932	27.642	8.986
935.0	5.179	34.915	27.587	9.016	985.0	4.970	34.922	27.617	9.009	1035.0	4.817	34.932	27.643	8.985
936.0	5.179	34.915	27.587	9.015	986.0	4.960	34.924	27.620	9.007	1036.0	4.816	34.932	27.643	8.984
937.0	5.179	34.915	27.587	9.014	987.0	4.958	34.925	27.621	9.005	1037.0	4.814	34.932	27.643	8.985
938.0	5.177	34.915	27.587	9.014	988.0	4.955	34.924	27.621	9.006	1039.0	4.811	34.932	27.644	8.984
939.0	5.172	34.915	27.587	9.015	989.0	4.953	34.925	27.622	9.005	1039.0	4.810	34.931	27.643	8.983
940.0	5.163	34.915	27.589	9.015	990.0	4.951	34.924	27.621	9.006	1040.0	4.805	34.933	27.645	8.983
941.0	5.159	34.915	27.591	9.015	991.0	4.946	34.925	27.622	9.004	1041.0	4.802	34.933	27.645	8.981
942.0	5.157	34.915	27.590	9.013	992.0	4.944	34.925	27.623	9.004	1042.0	4.795	34.933	27.646	8.980
943.0	5.152	34.917	27.592	9.013	993.0	4.942	34.924	27.623	9.005	1043.0	4.791	34.932	27.646	8.981
944.0	5.149	34.916	27.592	9.014	994.0	4.935	34.925	27.624	9.004	1044.0	4.787	34.933	27.647	8.980
945.0	5.142	34.917	27.593	9.014	995.0	4.933	34.925	27.625	9.004	1045.0	4.785	34.934	27.647	8.980
946.0	5.138	34.919	27.595	9.012	996.0	4.933	34.926	27.625	9.004	1046.0	4.783	34.934	27.645	8.981
947.0	5.132	34.918	27.595	9.013	997.0	4.932	34.925	27.625	9.004	1047.0	4.781	34.934	27.645	8.980
948.0	5.130	34.918	27.594	9.010	998.0	4.929	34.925	27.625	9.007	1048.0	4.779	34.934	27.645	8.980
949.0	5.124	34.917	27.595	9.010	999.0	4.924	34.925	27.625	9.002	1049.0	4.775	34.934	27.645	8.980
950.0	5.119	34.915	27.595	9.010	1000.0	4.921	34.926	27.625	9.003	1050.0	4.770	34.933	27.645	8.979
951.0	5.115	34.917	27.596	9.011	1001.0	4.916	34.925	27.627	9.001	1051.0	4.763	34.934	27.645	8.979
952.0	5.111	34.919	27.598	9.010	1002.0	4.915	34.925	27.627	9.002	1052.0	4.760	34.935	27.646	8.979

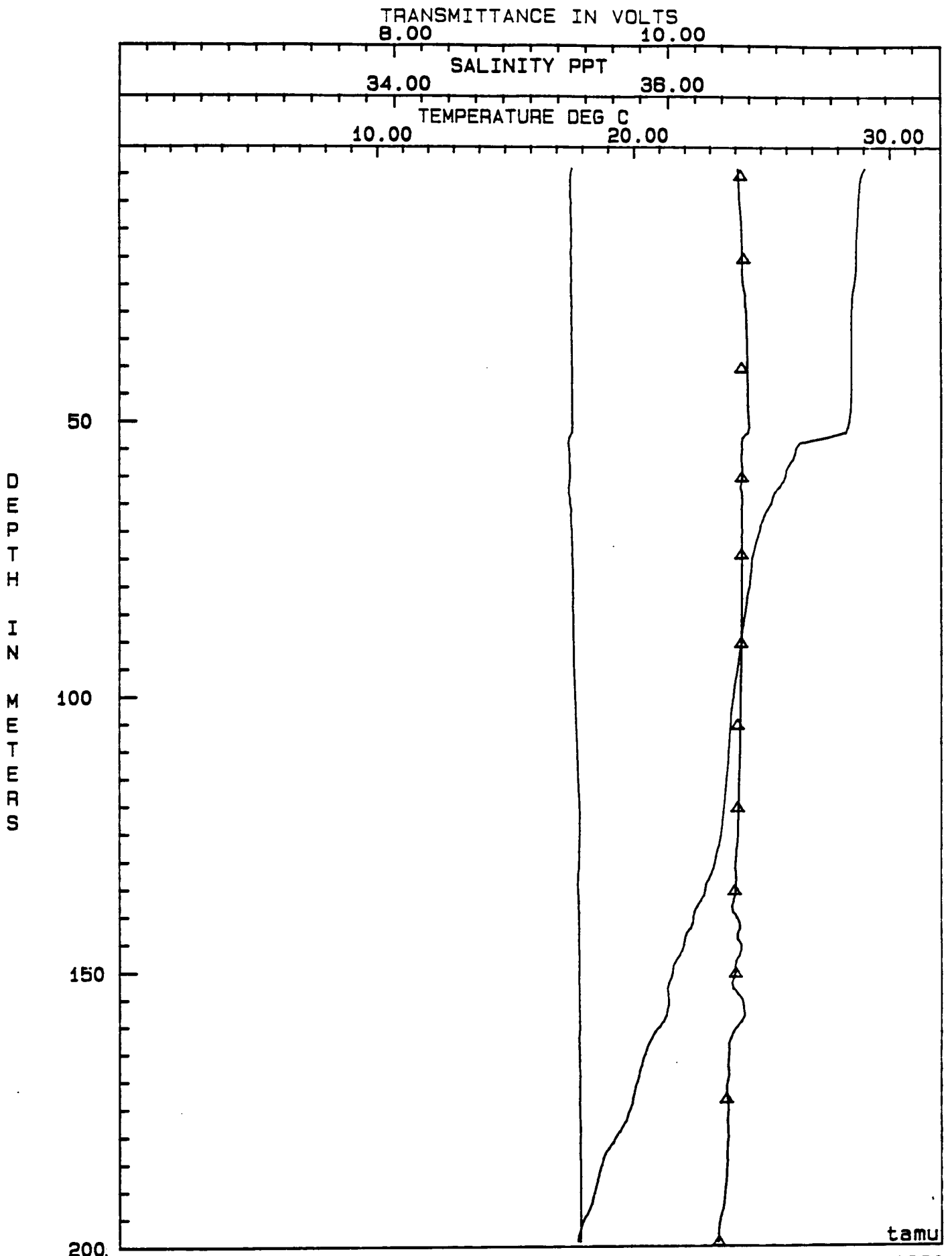


tamu

CRUISE: 80g15 STATION: SB009.OU DATE: Oct 14 18:38:44 1980
 LATITUDE: 28 19.51 LONGITUDE: 89 58.23
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB011.OUT::C CRUISE 90g15 DATE & TIME Sun Oct 14 22:00:29 1990, Julian day = 287
 LAT 25 59.9 LON 89 19.7 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
4.0	29.001	36.513	23.203	9.289	54.0	26.461	36.537	24.050	9.262	104.0	23.754	36.526	24.872	9.317
5.0	28.896	36.516	23.240	9.281	55.0	26.311	36.540	24.100	9.268	105.0	23.744	36.525	24.875	9.317
6.0	28.833	36.517	23.262	9.277	56.0	26.271	36.535	24.109	9.272	106.0	23.723	36.523	24.879	9.319
7.0	28.805	36.519	23.273	9.279	57.0	26.196	36.534	24.132	9.268	107.0	23.702	36.522	24.884	9.320
8.0	28.790	36.519	23.278	9.278	58.0	26.035	36.539	24.186	9.274	108.0	23.694	36.522	24.887	9.322
9.0	28.769	36.521	23.286	9.278	59.0	25.929	36.542	24.221	9.273	109.0	23.680	36.522	24.891	9.323
10.0	28.754	36.524	23.294	9.283	60.0	25.900	36.542	24.231	9.275	110.0	23.663	36.522	24.896	9.325
11.0	28.744	36.528	23.300	9.281	61.0	25.827	36.536	24.249	9.270	111.0	23.656	36.520	24.897	9.324
12.0	28.737	36.532	23.306	9.282	62.0	25.680	36.527	24.288	9.266	112.0	23.645	36.520	24.900	9.327
13.0	28.728	36.535	23.311	9.284	63.0	25.477	36.538	24.360	9.265	113.0	23.622	36.519	24.906	9.327
14.0	28.715	36.539	23.318	9.283	64.0	25.392	36.540	24.387	9.273	114.0	23.600	36.516	24.910	9.329
15.0	28.701	36.540	23.323	9.288	65.0	25.346	36.540	24.401	9.274	115.0	23.576	36.515	24.916	9.330
16.0	28.693	36.543	23.331	9.285	66.0	25.215	36.536	24.438	9.283	116.0	23.558	36.513	24.920	9.332
17.0	28.678	36.544	23.334	9.285	67.0	25.097	36.539	24.477	9.281	117.0	23.541	36.512	24.924	9.333
18.0	28.672	36.544	23.336	9.287	68.0	25.013	36.538	24.502	9.282	118.0	23.519	36.512	24.931	9.336
19.0	28.667	36.545	23.338	9.282	69.0	24.725	36.538	24.529	9.283	119.0	23.496	36.511	24.936	9.338
20.0	28.664	36.546	23.340	9.285	70.0	24.887	36.542	24.544	9.287	120.0	23.472	36.510	24.943	9.339
21.0	28.662	36.546	23.341	9.287	71.0	24.822	36.537	24.559	9.287	121.0	23.455	36.510	24.948	9.341
22.0	28.660	36.546	23.341	9.285	72.0	24.747	36.539	24.584	9.289	122.0	23.428	36.507	24.954	9.341
23.0	28.646	36.546	23.346	9.284	73.0	24.697	36.537	24.598	9.291	123.0	23.404	36.506	24.960	9.339
24.0	28.621	36.548	23.356	9.288	74.0	24.642	36.537	24.615	9.289	124.0	23.381	36.505	24.966	9.340
25.0	28.590	36.552	23.370	9.284	75.0	24.586	36.539	24.633	9.292	125.0	23.357	36.506	24.974	9.339
26.0	28.552	36.559	23.388	9.283	76.0	24.571	36.538	24.637	9.293	126.0	23.320	36.502	24.982	9.338
27.0	28.515	36.566	23.405	9.286	77.0	24.554	36.537	24.641	9.295	127.0	23.276	36.499	24.992	9.337
28.0	28.512	36.565	23.405	9.289	78.0	24.528	36.537	24.648	9.294	128.0	23.203	36.492	25.006	9.336
29.0	28.503	36.567	23.410	9.288	79.0	24.509	36.537	24.654	9.295	129.0	23.158	36.491	25.021	9.336
30.0	28.476	36.574	23.424	9.288	80.0	24.487	36.536	24.660	9.293	130.0	23.117	36.488	25.030	9.334
31.0	28.475	36.575	23.425	9.287	81.0	24.430	36.536	24.677	9.293	131.0	23.069	36.484	25.042	9.334
32.0	28.472	36.576	23.427	9.287	82.0	24.400	36.536	24.687	9.296	132.0	22.986	36.491	25.070	9.329
33.0	28.471	36.577	23.428	9.290	83.0	24.379	36.536	24.693	9.293	133.0	22.892	36.494	25.100	9.328
34.0	28.472	36.577	23.428	9.286	84.0	24.346	36.535	24.702	9.293	134.0	22.773	36.490	25.131	9.326
35.0	28.471	36.578	23.429	9.287	85.0	24.310	36.535	24.712	9.296	135.0	22.735	36.488	25.141	9.326
36.0	28.470	36.579	23.430	9.289	86.0	24.276	36.534	24.723	9.296	136.0	22.697	36.483	25.148	9.331
37.0	28.471	36.579	23.430	9.290	87.0	24.244	36.534	24.732	9.296	137.0	22.564	36.474	25.179	9.333
38.0	28.469	36.580	23.431	9.289	88.0	24.205	36.534	24.742	9.297	138.0	22.430	36.463	25.209	9.332
39.0	28.468	36.581	23.432	9.288	89.0	24.186	36.535	24.750	9.297	139.0	22.316	36.468	25.246	9.336
40.0	28.468	36.581	23.432	9.291	90.0	24.167	36.533	24.754	9.300	140.0	22.275	36.498	25.280	9.334
41.0	28.467	36.581	23.432	9.292	91.0	24.132	36.533	24.764	9.299	141.0	22.249	36.516	25.302	9.336
42.0	28.465	36.582	23.433	9.290	92.0	24.069	36.532	24.777	9.301	142.0	22.174	36.520	25.326	9.337
43.0	28.466	36.582	23.434	9.289	93.0	24.063	36.533	24.786	9.301	143.0	22.000	36.503	25.362	9.336
44.0	28.464	36.583	23.434	9.290	94.0	24.042	36.533	24.791	9.302	144.0	21.936	36.504	25.381	9.336
45.0	28.459	36.583	23.436	9.291	95.0	24.014	36.531	24.798	9.303	145.0	21.906	36.531	25.410	9.336
46.0	28.454	36.583	23.438	9.291	96.0	23.975	36.530	24.809	9.305	146.0	21.845	36.530	25.426	9.338
47.0	28.447	36.584	23.441	9.291	97.0	23.939	36.529	24.819	9.307	147.0	21.736	36.518	25.447	9.340
48.0	28.442	36.585	23.444	9.291	98.0	23.903	36.529	24.830	9.308	148.0	21.594	36.495	25.469	9.339
49.0	28.407	36.588	23.458	9.290	99.0	23.887	36.529	24.836	9.309	149.0	21.483	36.488	25.495	9.339
50.0	28.360	36.590	23.468	9.293	100.0	23.858	36.527	24.842	9.311	150.0	21.471	36.489	25.500	9.338
51.0	28.331	36.593	23.486	9.291	101.0	23.826	36.527	24.852	9.313	151.0	21.414	36.473	25.507	9.336
52.0	28.304	36.582	23.507	9.289	102.0	23.790	36.526	24.861	9.315	152.0	21.324	36.463	25.521	9.337
53.0	28.280	36.542	23.719	9.269	103.0	23.769	36.517	24.868	9.315	153.0	21.264	36.472	25.544	9.340



CRUISE: 90g15 STATION: SB011.0U DATE: Oct 14 22:00:29 1990

LATITUDE: 25 59.9 LONGITUDE: 89 19.7

TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 09 10.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
2.0	29.171	36.525	23.154	9.280	98.0	23.927	36.524	24.819	9.312	158.0	21.202	36.542	25.615	9.350
3.0	28.915	36.496	23.219	9.280	99.0	23.888	36.525	24.832	9.313	159.0	21.069	36.510	25.626	9.350
4.0	28.868	36.499	23.237	9.279	100.0	23.879	36.521	24.832	9.317	160.0	20.915	36.474	25.641	9.347
5.0	28.842	36.500	23.246	9.282	101.0	23.854	36.522	24.840	9.316	161.0	21.180	36.504	25.591	9.349
6.0	28.820	36.502	23.255	9.279	102.0	23.830	36.519	24.844	9.315	172.0	20.053	36.437	25.846	9.351
8.0	28.796	36.507	23.267	9.282	103.0	23.803	36.519	24.852	9.318	173.0	19.919	36.429	25.874	9.352
9.0	28.782	36.510	23.274	9.282	104.0	23.775	36.520	24.861	9.317	174.0	19.845	36.425	25.891	9.351
10.0	28.774	36.514	23.279	9.284	105.0	23.763	36.517	24.863	9.319	175.0	19.751	36.429	25.919	9.352
11.0	28.771	36.516	23.282	9.284	106.0	23.734	36.518	24.872	9.317	176.0	19.688	36.419	25.928	9.353
12.0	28.758	36.520	23.290	9.286	107.0	23.710	36.518	24.879	9.323	177.0	19.589	36.422	25.957	9.355
13.0	28.745	36.522	23.295	8.833	108.0	23.692	36.516	24.883	9.322	180.0	19.251	36.431	26.052	9.356
14.0	28.736	36.526	23.301	9.294	109.0	23.670	36.516	24.890	9.321	181.0	19.194	36.428	26.065	9.356
15.0	28.730	36.528	23.305	9.287	110.0	23.662	36.518	24.893	9.328	182.0	19.099	36.417	26.080	9.354
16.0	28.722	36.532	23.311	9.290	111.0	23.643	36.517	24.898	9.330	183.0	18.969	36.420	26.110	9.356
27.0	28.563	36.554	23.380	9.290	112.0	23.630	36.517	24.902	9.331	184.0	18.839	36.419	26.149	9.359
40.0	28.475	36.573	23.423	9.295	113.0	23.615	36.517	24.906	9.334	185.0	18.701	36.419	26.184	9.360
41.0	28.471	36.573	23.425	9.296	114.0	23.602	36.516	24.909	9.337	199.0	17.871	36.369	26.354	9.362
42.0	28.466	36.574	23.427	9.295	115.0	23.583	36.510	24.911	9.338	200.0	17.576	36.337	26.402	9.365
43.0	28.465	36.575	23.428	9.295	116.0	23.558	36.513	24.920	9.341	201.0	17.672	36.343	26.384	9.363
44.0	28.465	36.575	23.428	9.293	117.0	23.558	36.513	24.920	9.341	202.0	17.567	36.330	26.399	9.365
45.0	28.464	36.575	23.429	9.295	118.0	23.530	36.507	24.923	9.342	203.0	17.508	36.328	26.412	9.364
46.0	28.460	36.576	23.431	9.296	119.0	23.518	36.506	24.926	9.341	204.0	17.476	36.326	26.418	9.364
63.0	25.134	36.514	24.447	9.266	120.0	23.508	36.509	24.932	9.342	205.0	17.420	36.312	26.421	9.362
64.0	25.269	36.534	24.420	9.286	121.0	23.452	36.496	24.938	9.345	206.0	17.352	36.305	26.433	9.357
65.0	25.168	36.534	24.451	9.287	122.0	23.430	36.504	24.951	9.342	207.0	17.293	36.298	26.441	9.354
66.0	25.099	36.532	24.471	9.286	123.0	23.406	36.499	24.954	9.341	208.0	17.188	36.280	26.453	9.350
67.0	25.027	36.534	24.495	9.287	124.0	23.408	36.498	24.953	9.343	209.0	17.112	36.274	26.467	9.346
68.0	24.923	36.532	24.525	9.290	125.0	23.329	36.498	24.976	9.342	210.0	17.061	36.274	26.479	9.337
69.0	24.842	36.531	24.549	9.287	126.0	23.270	36.490	24.987	9.343	221.0	16.772	36.250	26.530	9.374
70.0	24.789	36.534	24.567	9.291	127.0	23.207	36.486	25.002	9.341	222.0	16.680	36.231	26.537	9.369
71.0	24.716	36.532	24.588	9.292	128.0	23.176	36.484	25.010	9.341	223.0	16.643	36.229	26.544	9.370
72.0	24.650	36.533	24.608	9.293	129.0	23.129	36.482	25.022	9.339	224.0	16.621	36.225	26.546	9.369
73.0	24.610	36.534	24.622	9.294	130.0	23.053	36.485	25.046	9.336	225.0	16.568	36.211	26.543	9.371
74.0	24.597	36.535	24.630	9.295	131.0	22.960	36.493	25.079	9.332	226.0	16.520	36.207	26.556	9.367
75.0	24.572	36.533	24.632	9.293	132.0	22.873	36.483	25.098	9.335	229.0	16.383	36.184	26.570	9.370
76.0	24.546	36.532	24.640	9.298	133.0	22.792	36.484	25.122	9.334	230.0	16.354	36.178	26.573	9.370
77.0	24.523	36.532	24.647	9.299	134.0	22.703	36.476	25.141	9.336	231.0	16.296	36.166	26.577	9.368
78.0	24.497	36.532	24.654	9.297	135.0	22.642	36.473	25.157	9.336	232.0	16.235	36.160	26.587	9.368
79.0	24.455	36.527	24.663	9.294	136.0	22.549	36.466	25.178	9.340	233.0	16.203	36.156	26.591	9.369
80.0	24.426	36.532	24.676	9.298	137.0	22.437	36.459	25.205	9.341	234.0	16.180	36.153	26.594	9.369
81.0	24.390	36.531	24.696	9.298	138.0	22.319	36.515	25.280	9.336	235.0	16.147	36.145	26.596	9.366
82.0	24.369	36.532	24.693	9.297	149.0	21.657	36.526	25.476	9.346	236.0	16.126	36.144	26.600	9.367
83.0	24.345	36.529	24.698	9.297	150.0	21.334	36.469	25.506	9.346	237.0	16.093	36.136	26.600	9.367
84.0	24.300	36.529	24.712	9.299	151.0	21.350	36.466	25.516	9.346	238.0	16.041	36.126	26.606	9.367
85.0	24.276	36.532	24.721	9.301	152.0	21.344	36.493	25.533	9.346	239.0	15.965	36.113	26.613	9.366
93.0	24.055	36.527	24.785	9.303	153.0	21.344	36.513	25.553	9.345	240.0	15.987	36.107	26.626	9.367
94.0	24.042	36.528	24.788	9.305	154.0	21.362	36.534	25.564	9.343	241.0	15.834	36.096	26.630	9.368
95.0	24.005	36.526	24.797	9.307	155.0	21.336	36.545	25.579	9.349	242.0	15.778	36.091	26.639	9.364
96.0	23.985	36.526	24.803	9.308	156.0	21.302	36.543	25.587	9.349	243.0	15.715	36.088	26.651	9.366
97.0	23.949	36.523	24.812	9.312	157.0	21.255	36.550	25.607	9.348	244.0	15.692	36.077	26.649	9.366

STATION SB011A.PLT: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1970, Julian day = 287
 LAT 25 29.743 LON 09 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
245.0	15.663	36.077	26.654	9.367	295.0	14.126	35.829	26.802	9.352	345.0	12.603	35.593	26.932	9.337
246.0	15.639	36.070	26.655	9.367	296.0	14.095	35.820	26.802	9.353	346.0	12.599	35.593	26.934	9.338
247.0	15.612	36.065	26.657	9.366	297.0	14.042	35.810	26.805	9.351	347.0	12.570	35.587	26.935	9.338
248.0	15.592	36.062	26.660	9.365	298.0	13.984	35.811	26.818	9.350	348.0	12.532	35.579	26.936	9.339
249.0	15.580	36.059	26.659	9.368	299.0	13.980	35.809	26.818	9.352	349.0	12.509	35.574	26.937	9.337
250.0	15.502	36.043	26.666	9.360	300.0	13.963	35.802	26.816	9.352	350.0	12.494	35.577	26.942	9.338
251.0	15.456	36.044	26.676	9.354	301.0	13.924	35.798	26.821	9.350	351.0	12.474	35.571	26.941	9.338
252.0	15.437	36.040	26.677	9.351	302.0	13.915	35.795	26.820	9.346	352.0	12.456	35.571	26.944	9.337
253.0	15.419	36.036	26.678	9.350	303.0	13.891	35.794	26.825	9.346	353.0	12.451	35.568	26.944	9.337
254.0	15.388	36.028	26.679	9.343	304.0	13.892	35.789	26.821	9.343	354.0	12.443	35.568	26.945	9.335
255.0	15.349	36.024	26.685	9.339	305.0	13.847	35.784	26.826	9.341	355.0	12.434	35.566	26.945	9.336
256.0	15.317	36.018	26.687	9.337	306.0	13.819	35.771	26.822	9.341	356.0	12.429	35.566	26.947	9.337
257.0	15.296	36.014	26.689	9.338	307.0	13.750	35.762	26.830	9.345	357.0	12.423	35.564	26.946	9.334
258.0	15.219	35.996	26.692	9.350	308.0	13.670	35.757	26.843	9.351	358.0	12.419	35.563	26.946	9.335
259.0	15.157	35.987	26.699	9.360	309.0	13.644	35.757	26.848	9.352	359.0	12.406	35.559	26.946	9.333
260.0	15.114	35.987	26.709	9.361	310.0	13.645	35.754	26.845	9.351	360.0	12.385	35.554	26.946	9.334
261.0	15.091	35.987	26.714	9.360	311.0	13.630	35.752	26.847	9.351	361.0	12.350	35.544	26.945	9.333
262.0	15.081	35.976	26.708	9.358	312.0	13.615	35.749	26.848	9.350	362.0	12.292	35.547	26.958	9.333
263.0	15.016	35.972	26.719	9.356	313.0	13.589	35.742	26.848	9.351	363.0	12.279	35.542	26.957	9.332
264.0	14.973	35.966	26.724	9.355	314.0	13.540	35.734	26.852	9.351	364.0	12.266	35.542	26.959	9.332
265.0	14.946	35.963	26.728	9.355	315.0	13.520	35.728	26.851	9.350	365.0	12.258	35.541	26.960	9.330
266.0	14.923	35.957	26.729	9.355	316.0	13.456	35.726	26.863	9.347	366.0	12.246	35.536	26.958	9.331
267.0	14.896	35.951	26.730	9.356	317.0	13.447	35.725	26.864	9.345	367.0	12.204	35.531	26.963	9.329
268.0	14.872	35.949	26.733	9.355	318.0	13.439	35.722	26.863	9.347	368.0	12.156	35.519	26.962	9.330
269.0	14.846	35.944	26.735	9.354	319.0	13.406	35.714	26.864	9.343	369.0	12.102	35.516	26.971	9.329
270.0	14.814	35.940	26.739	9.354	320.0	13.351	35.708	26.870	9.343	370.0	12.075	35.515	26.976	9.329
271.0	14.804	35.938	26.740	9.356	321.0	13.323	35.702	26.872	9.343	371.0	12.053	35.507	26.973	9.328
272.0	14.768	35.929	26.741	9.357	322.0	13.280	35.696	26.876	9.342	372.0	12.039	35.505	26.974	9.326
273.0	14.733	35.925	26.745	9.354	323.0	13.256	35.692	26.878	9.342	373.0	12.025	35.506	26.978	9.325
274.0	14.699	35.922	26.750	9.346	324.0	13.212	35.685	26.881	9.341	374.0	12.019	35.503	26.977	9.325
275.0	14.681	35.918	26.751	9.342	325.0	13.177	35.681	26.885	9.342	375.0	12.014	35.503	26.978	9.324
276.0	14.648	35.911	26.753	9.341	326.0	13.153	35.678	26.888	9.341	376.0	11.993	35.498	26.978	9.324
277.0	14.614	35.909	26.758	9.341	327.0	13.135	35.676	26.890	9.342	377.0	11.983	35.497	26.979	9.321
278.0	14.592	35.901	26.757	9.340	328.0	13.095	35.670	26.894	9.342	378.0	11.955	35.492	26.981	9.317
279.0	14.543	35.895	26.763	9.344	329.0	13.063	35.659	26.892	9.341	379.0	11.911	35.485	26.984	9.318
280.0	14.482	35.882	26.766	9.346	330.0	12.997	35.652	26.899	9.341	380.0	11.890	35.482	26.985	9.316
281.0	14.433	35.878	26.774	9.346	331.0	12.958	35.644	26.901	9.340	381.0	11.876	35.482	26.988	9.316
282.0	14.382	35.869	26.778	9.347	332.0	12.940	35.644	26.905	9.341	382.0	11.865	35.479	26.988	9.314
283.0	14.349	35.865	26.782	9.350	333.0	12.916	35.643	26.909	9.340	383.0	11.859	35.480	26.989	9.313
284.0	14.313	35.860	26.786	9.352	334.0	12.902	35.638	26.908	9.340	384.0	11.856	35.479	26.989	9.311
285.0	14.280	35.856	26.790	9.351	335.0	12.864	35.632	26.911	9.341	385.0	11.810	35.464	26.987	9.312
286.0	14.268	35.855	26.792	9.354	336.0	12.831	35.626	26.913	9.339	386.0	11.756	35.461	26.985	9.312
287.0	14.255	35.851	26.792	9.352	337.0	12.802	35.627	26.919	9.339	387.0	11.715	35.456	26.989	9.313
288.0	14.235	35.846	26.792	9.356	338.0	12.789	35.622	26.918	9.337	388.0	11.666	35.447	27.001	9.315
289.0	14.223	35.849	26.796	9.353	339.0	12.772	35.620	26.920	9.338	389.0	11.636	35.449	27.003	9.312
290.0	14.215	35.845	26.796	9.356	340.0	12.752	35.616	26.920	9.337	390.0	11.612	35.440	27.005	9.311
291.0	14.207	35.843	26.795	9.354	341.0	12.747	35.615	26.921	9.337	391.0	11.583	35.433	27.005	9.310
292.0	14.190	35.839	26.796	9.354	342.0	12.731	35.612	26.922	9.336	392.0	11.560	35.436	27.011	9.309
293.0	14.171	35.837	26.799	9.353	343.0	12.685	35.598	26.920	9.336	393.0	11.544	35.433	27.013	9.310
294.0	14.159	35.832	26.797	9.352	344.0	12.622	35.597	26.932	9.336	394.0	11.517	35.429	27.014	9.309

STATION SB011A.PLT: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
395.0	11.493	35.421	27.015	9.307	445.0	10.591	35.291	27.076	9.269	496.0	9.576	35.154	27.145	9.224
396.0	11.440	35.420	27.022	9.306	446.0	10.557	35.293	27.084	9.266	497.0	9.565	35.154	27.147	9.222
397.0	11.431	35.420	27.024	9.308	447.0	10.528	35.282	27.081	9.261	498.0	9.557	35.152	27.146	9.226
398.0	11.414	35.413	27.022	9.308	448.0	10.467	35.275	27.086	9.265	499.0	9.552	35.151	27.146	9.221
399.0	11.397	35.412	27.024	9.307	449.0	10.432	35.273	27.091	9.263	500.0	9.548	35.151	27.147	9.220
400.0	11.386	35.412	27.026	9.306	450.0	10.418	35.272	27.093	9.264	501.0	9.538	35.149	27.147	9.219
401.0	11.383	35.411	27.025	9.302	451.0	10.401	35.268	27.093	9.263	502.0	9.516	35.147	27.149	9.220
402.0	11.362	35.406	27.025	9.302	452.0	10.355	35.258	27.093	9.261	503.0	9.503	35.144	27.149	9.218
403.0	11.343	35.406	27.029	9.304	453.0	10.314	35.258	27.100	9.260	504.0	9.483	35.143	27.152	9.216
404.0	11.331	35.403	27.029	9.303	454.0	10.279	35.247	27.097	9.258	505.0	9.476	35.141	27.151	9.216
405.0	11.323	35.402	27.030	9.302	455.0	10.250	35.244	27.100	9.263	506.0	9.475	35.142	27.152	9.216
406.0	11.306	35.398	27.030	9.301	456.0	10.224	35.243	27.103	9.259	507.0	9.454	35.139	27.154	9.214
407.0	11.289	35.395	27.031	9.298	457.0	10.192	35.241	27.108	9.250	508.0	9.443	35.138	27.155	9.213
408.0	11.267	35.396	27.036	9.299	458.0	10.184	35.239	27.107	9.259	509.0	9.434	35.136	27.155	9.213
409.0	11.257	35.391	27.033	9.296	459.0	10.160	35.239	27.112	9.258	510.0	9.418	35.135	27.156	9.210
410.0	11.235	35.389	27.036	9.298	460.0	10.128	35.234	27.114	9.258	511.0	9.404	35.132	27.156	9.209
411.0	11.226	35.389	27.038	9.296	461.0	10.119	35.230	27.111	9.258	512.0	9.396	35.132	27.158	9.207
412.0	11.218	35.388	27.038	9.296	462.0	10.095	35.228	27.114	9.255	513.0	9.379	35.130	27.159	9.210
413.0	11.209	35.384	27.037	9.296	463.0	10.083	35.227	27.116	9.254	514.0	9.361	35.126	27.158	9.208
414.0	11.182	35.382	27.040	9.293	464.0	10.062	35.222	27.115	9.254	515.0	9.342	35.124	27.160	9.206
415.0	11.166	35.379	27.041	9.293	465.0	10.038	35.215	27.114	9.254	516.0	9.317	35.123	27.163	9.205
416.0	11.160	35.379	27.042	9.293	466.0	10.004	35.215	27.120	9.254	517.0	9.302	35.118	27.162	9.205
417.0	11.152	35.377	27.042	9.292	467.0	9.976	35.206	27.118	9.253	518.0	9.287	35.117	27.163	9.204
418.0	11.140	35.376	27.043	9.289	468.0	9.946	35.203	27.120	9.250	519.0	9.267	35.114	27.164	9.201
419.0	11.133	35.372	27.042	9.289	470.0	9.928	35.202	27.123	9.249	520.0	9.245	35.110	27.165	9.201
420.0	11.108	35.370	27.045	9.288	471.0	9.923	35.201	27.123	9.247	521.0	9.229	35.111	27.168	9.198
421.0	11.097	35.369	27.046	9.287	472.0	9.913	35.199	27.123	9.245	522.0	9.212	35.108	27.168	9.198
422.0	11.084	35.366	27.046	9.283	473.0	9.875	35.190	27.123	9.245	523.0	9.200	35.107	27.170	9.199
423.0	11.062	35.363	27.048	9.283	474.0	9.851	35.189	27.125	9.243	524.0	9.194	35.108	27.172	9.199
424.0	11.038	35.359	27.049	9.285	475.0	9.826	35.188	27.129	9.243	525.0	9.192	35.106	27.170	9.197
425.0	11.017	35.357	27.051	9.285	476.0	9.807	35.183	27.129	9.244	526.0	9.170	35.099	27.169	9.197
426.0	10.997	35.352	27.051	9.284	477.0	9.795	35.183	27.131	9.243	527.0	9.140	35.101	27.175	9.194
427.0	10.973	35.350	27.054	9.285	478.0	9.777	35.188	27.137	9.241	528.0	9.132	35.097	27.173	9.194
428.0	10.945	35.345	27.055	9.283	479.0	9.775	35.179	27.131	9.240	529.0	9.122	35.098	27.176	9.194
429.0	10.920	35.344	27.058	9.282	480.0	9.768	35.179	27.132	9.239	530.0	9.126	35.095	27.173	9.194
430.0	10.901	35.341	27.060	9.283	481.0	9.763	35.178	27.132	9.239	534.0	8.937	35.075	27.188	9.178
431.0	10.886	35.338	27.060	9.282	482.0	9.752	35.178	27.134	9.238	545.0	8.945	35.076	27.187	9.180
432.0	10.872	35.337	27.062	9.279	483.0	9.746	35.178	27.135	9.236	546.0	8.936	35.075	27.187	9.176
433.0	10.860	35.336	27.063	9.278	484.0	9.743	35.177	27.135	9.237	547.0	8.927	35.073	27.187	9.178
434.0	10.845	35.330	27.061	9.278	485.0	9.738	35.176	27.134	9.235	548.0	8.919	35.072	27.188	9.177
435.0	10.816	35.327	27.064	9.277	486.0	9.728	35.174	27.135	9.235	549.0	8.915	35.070	27.192	9.176
436.0	10.778	35.323	27.069	9.275	487.0	9.718	35.173	27.135	9.234	550.0	8.917	35.072	27.188	9.174
437.0	10.768	35.315	27.064	9.273	488.0	9.706	35.172	27.136	9.231	551.0	8.915	35.072	27.183	9.174
438.0	10.757	35.319	27.069	9.273	489.0	9.681	35.167	27.137	9.232	552.0	8.910	35.070	27.183	9.173
439.0	10.723	35.313	27.070	9.274	490.0	9.671	35.166	27.133	9.231	553.0	8.892	35.067	27.186	9.173
440.0	10.702	35.311	27.072	9.273	491.0	9.657	35.165	27.139	9.229	554.0	8.874	35.068	27.190	9.170
441.0	10.678	35.307	27.073	9.272	492.0	9.654	35.162	27.138	9.228	555.0	8.849	35.063	27.192	9.170
442.0	10.655	35.305	27.076	9.271	493.0	9.633	35.162	27.141	9.227	556.0	8.841	35.062	27.192	9.168
443.0	10.639	35.305	27.079	9.263	494.0	9.621	35.161	27.143	9.225	557.0	8.819	35.037	27.208	9.153
444.0	10.626	35.299	27.076	9.263	495.0	9.600	35.156	27.142	9.224	558.0	8.642	35.038	27.205	9.152

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
574.0	8.616	35.035	27.207	9.152	624.0	8.004	34.976	27.255	9.112	674.0	7.381	34.925	27.306	9.080
575.0	8.598	35.035	27.210	9.151	625.0	7.990	34.976	27.257	9.111	675.0	7.381	34.924	27.305	9.079
576.0	8.585	35.033	27.211	9.151	626.0	7.985	34.975	27.257	9.110	676.0	7.371	34.923	27.306	9.078
577.0	8.577	35.030	27.209	9.148	627.0	7.974	34.974	27.258	9.111	677.0	7.365	34.924	27.303	9.077
578.0	8.561	35.031	27.213	9.149	628.0	7.974	34.973	27.257	9.111	678.0	7.357	34.921	27.306	9.077
579.0	8.552	35.030	27.213	9.148	629.0	7.969	34.972	27.257	9.110	679.0	7.342	34.920	27.308	9.078
580.0	8.541	35.028	27.213	9.147	630.0	7.964	34.973	27.258	9.107	680.0	7.331	34.920	27.310	9.077
581.0	8.526	35.026	27.214	9.145	631.0	7.955	34.971	27.258	9.108	681.0	7.328	34.921	27.311	9.077
582.0	8.508	35.025	27.216	9.145	632.0	7.936	34.967	27.259	9.107	682.0	7.323	34.921	27.311	9.074
583.0	8.494	35.023	27.217	9.143	633.0	7.920	34.967	27.260	9.108	683.0	7.322	34.920	27.311	9.074
584.0	8.489	35.024	27.219	9.142	634.0	7.899	34.967	27.263	9.107	684.0	7.319	34.919	27.311	9.073
585.0	8.486	35.023	27.218	9.143	635.0	7.879	34.965	27.265	9.106	685.0	7.309	34.918	27.311	9.072
586.0	8.477	35.021	27.218	9.141	636.0	7.864	34.962	27.265	9.107	686.0	7.300	34.919	27.313	9.072
587.0	8.466	35.020	27.219	9.142	637.0	7.838	34.961	27.268	9.106	687.0	7.295	34.918	27.313	9.071
588.0	8.457	35.020	27.220	9.141	638.0	7.812	34.958	27.269	9.105	688.0	7.290	34.918	27.314	9.070
589.0	8.452	35.019	27.220	9.140	639.0	7.797	34.958	27.271	9.101	689.0	7.283	34.918	27.314	9.068
590.0	8.438	35.018	27.222	9.139	640.0	7.782	34.956	27.272	9.102	690.0	7.270	34.915	27.314	9.066
591.0	8.432	35.018	27.222	9.137	641.0	7.762	34.956	27.275	9.101	691.0	7.254	34.917	27.318	9.065
592.0	8.430	35.016	27.221	9.137	642.0	7.755	34.954	27.274	9.102	692.0	7.253	34.916	27.317	9.065
593.0	8.415	35.015	27.223	9.137	643.0	7.747	34.954	27.276	9.102	693.0	7.247	34.915	27.318	9.065
594.0	8.405	35.013	27.223	9.135	644.0	7.740	34.954	27.277	9.100	694.0	7.229	34.913	27.318	9.064
595.0	8.386	35.011	27.224	9.133	645.0	7.738	34.954	27.277	9.098	695.0	7.215	34.914	27.321	9.064
596.0	8.368	35.011	27.227	9.136	646.0	7.735	34.953	27.277	9.099	696.0	7.206	34.915	27.323	9.062
597.0	8.355	35.006	27.225	9.134	647.0	7.734	34.952	27.276	9.099	697.0	7.190	34.912	27.323	9.063
598.0	8.331	35.004	27.227	9.131	648.0	7.712	34.948	27.276	9.099	698.0	7.170	34.913	27.327	9.061
599.0	8.313	35.005	27.230	9.131	649.0	7.688	34.949	27.280	9.097	699.0	7.157	34.913	27.328	9.062
600.0	8.300	35.001	27.229	9.132	650.0	7.665	34.942	27.278	9.096	700.0	7.144	34.912	27.329	9.061
601.0	8.271	34.999	27.232	9.130	651.0	7.624	34.939	27.283	9.096	701.0	7.133	34.912	27.331	9.060
602.0	8.249	34.999	27.235	9.130	652.0	7.598	34.940	27.286	9.093	702.0	7.113	34.909	27.332	9.059
603.0	8.233	34.996	27.236	9.129	653.0	7.583	34.937	27.286	9.093	703.0	7.095	34.911	27.336	9.059
604.0	8.227	34.996	27.237	9.126	654.0	7.564	34.937	27.289	9.094	704.0	7.093	34.910	27.335	9.058
605.0	8.220	34.995	27.238	9.127	655.0	7.550	34.936	27.291	9.093	705.0	7.090	34.910	27.335	9.058
606.0	8.210	34.994	27.238	9.125	656.0	7.541	34.934	27.290	9.093	706.0	7.084	34.909	27.336	9.057
607.0	8.201	34.993	27.239	9.125	657.0	7.529	34.935	27.293	9.092	707.0	7.076	34.909	27.336	9.057
608.0	8.193	34.992	27.239	9.124	658.0	7.517	34.933	27.293	9.092	708.0	7.063	34.908	27.337	9.059
609.0	8.179	34.991	27.240	9.124	659.0	7.502	34.930	27.293	9.089	709.0	7.056	34.907	27.338	9.059
610.0	8.163	34.989	27.241	9.122	660.0	7.472	34.930	27.297	9.089	710.0	7.047	34.906	27.339	9.057
611.0	8.154	34.989	27.243	9.122	661.0	7.470	34.929	27.297	9.090	711.0	7.035	34.906	27.341	9.056
612.0	8.148	34.989	27.243	9.121	662.0	7.462	34.930	27.298	9.088	712.0	7.025	34.906	27.341	9.054
613.0	8.145	34.988	27.243	9.121	663.0	7.461	34.930	27.298	9.086	713.0	7.005	34.903	27.342	9.053
614.0	8.139	34.988	27.244	9.121	664.0	7.461	34.929	27.298	9.086	714.0	6.990	34.902	27.343	9.052
615.0	8.125	34.984	27.243	9.119	665.0	7.459	34.930	27.299	9.087	715.0	6.977	34.902	27.345	9.053
616.0	8.103	34.983	27.245	9.117	666.0	7.458	34.929	27.299	9.084	716.0	6.969	34.901	27.345	9.049
617.0	8.086	34.983	27.248	9.115	667.0	7.457	34.929	27.299	9.084	717.0	6.953	34.902	27.347	9.039
618.0	8.080	34.981	27.247	9.118	668.0	7.443	34.929	27.300	9.084	718.0	6.960	34.901	27.347	9.044
619.0	8.066	34.981	27.250	9.116	669.0	7.437	34.926	27.299	9.082	719.0	6.956	34.901	27.347	9.043
620.0	8.061	34.980	27.250	9.115	670.0	7.424	34.927	27.302	9.083	720.0	6.951	34.900	27.347	9.043
621.0	8.056	34.980	27.250	9.115	671.0	7.415	34.927	27.302	9.083	721.0	6.941	34.899	27.348	9.049
622.0	8.045	34.979	27.251	9.114	672.0	7.408	34.925	27.302	9.084	722.0	6.926	34.899	27.349	9.046
623.0	8.021	34.976	27.252	9.113	673.0	7.393	34.924	27.303	9.079	723.0	6.926	34.899	27.350	9.046

STATION SBD11A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
724.0	6.915	34.898	27.351	9.045	774.0	6.411	34.886	27.409	9.014	824.0	6.007	34.886	27.462	8.980
725.0	6.907	34.899	27.352	9.045	775.0	6.405	34.883	27.408	9.014	825.0	5.998	34.887	27.464	8.979
726.0	6.898	34.898	27.353	9.043	776.0	6.389	34.882	27.409	9.013	826.0	5.991	34.887	27.465	8.979
727.0	6.893	34.897	27.353	9.043	777.0	6.381	34.883	27.411	9.014	827.0	5.983	34.886	27.465	8.978
728.0	6.876	34.895	27.354	9.044	778.0	6.366	34.884	27.414	9.012	828.0	5.976	34.887	27.467	8.976
729.0	6.860	34.895	27.356	9.045	779.0	6.360	34.884	27.414	9.014	829.0	5.974	34.887	27.467	8.976
730.0	6.846	34.896	27.359	9.042	780.0	6.355	34.884	27.415	9.013	830.0	5.973	34.886	27.466	8.973
731.0	6.838	34.895	27.359	9.041	781.0	6.345	34.884	27.416	9.012	831.0	5.955	34.886	27.467	8.976
732.0	6.828	34.896	27.361	9.042	782.0	6.339	34.884	27.417	9.008	832.0	5.941	34.885	27.470	8.973
733.0	6.822	34.895	27.361	9.040	783.0	6.336	34.883	27.417	9.011	833.0	5.927	34.888	27.474	8.972
734.0	6.818	34.895	27.361	9.040	784.0	6.324	34.884	27.419	9.011	834.0	5.925	34.887	27.473	8.973
735.0	6.810	34.895	27.363	9.038	785.0	6.312	34.883	27.420	9.009	835.0	5.917	34.886	27.473	8.972
736.0	6.795	34.892	27.362	9.038	786.0	6.306	34.884	27.422	9.008	836.0	5.906	34.887	27.476	8.972
737.0	6.782	34.894	27.365	9.036	787.0	6.301	34.884	27.422	9.009	837.0	5.902	34.888	27.477	8.972
738.0	6.774	34.893	27.366	9.037	788.0	6.293	34.884	27.423	9.009	838.0	5.898	34.887	27.477	8.972
739.0	6.759	34.890	27.366	9.034	789.0	6.284	34.884	27.425	9.005	839.0	5.891	34.887	27.478	8.972
740.0	6.726	34.891	27.371	9.036	790.0	6.277	34.884	27.425	9.005	840.0	5.886	34.888	27.479	8.970
741.0	6.716	34.893	27.374	9.034	791.0	6.271	34.883	27.426	9.005	841.0	5.885	34.888	27.479	8.970
742.0	6.706	34.891	27.374	9.035	792.0	6.264	34.885	27.428	9.006	842.0	5.876	34.886	27.479	8.971
743.0	6.695	34.891	27.375	9.036	793.0	6.262	34.884	27.427	9.004	843.0	5.862	34.887	27.481	8.970
744.0	6.689	34.891	27.376	9.033	794.0	6.261	34.884	27.428	9.001	844.0	5.851	34.887	27.483	8.967
745.0	6.687	34.891	27.376	9.034	795.0	6.259	34.885	27.429	9.004	845.0	5.845	34.887	27.484	8.967
746.0	6.677	34.889	27.375	9.034	796.0	6.258	34.886	27.429	9.004	846.0	5.843	34.888	27.484	8.967
747.0	6.647	34.890	27.381	9.031	797.0	6.251	34.886	27.430	9.003	847.0	5.839	34.887	27.485	8.967
748.0	6.634	34.891	27.383	9.031	798.0	6.235	34.881	27.429	8.998	848.0	5.836	34.887	27.485	8.965
749.0	6.621	34.889	27.383	9.031	799.0	6.225	34.884	27.432	8.996	849.0	5.833	34.888	27.486	8.965
750.0	6.603	34.890	27.386	9.029	800.0	6.223	34.883	27.432	8.999	850.0	5.831	34.888	27.486	8.963
751.0	6.606	34.890	27.386	9.029	801.0	6.216	34.883	27.433	8.997	851.0	5.829	34.887	27.486	8.964
752.0	6.603	34.889	27.386	9.028	802.0	6.203	34.884	27.435	8.996	852.0	5.827	34.887	27.486	8.964
753.0	6.594	34.889	27.387	9.027	803.0	6.193	34.884	27.436	8.995	853.0	5.823	34.888	27.487	8.962
754.0	6.582	34.889	27.389	9.026	804.0	6.172	34.884	27.439	8.996	854.0	5.820	34.887	27.487	8.961
755.0	6.567	34.887	27.390	9.025	805.0	6.156	34.885	27.442	8.995	855.0	5.813	34.888	27.488	8.961
756.0	6.560	34.888	27.391	9.025	806.0	6.141	34.884	27.443	8.995	856.0	5.807	34.888	27.489	8.962
757.0	6.555	34.888	27.392	9.024	807.0	6.128	34.886	27.446	8.995	857.0	5.804	34.888	27.489	8.960
758.0	6.538	34.888	27.394	9.025	808.0	6.124	34.886	27.448	8.992	858.0	5.801	34.888	27.490	8.961
759.0	6.528	34.888	27.396	9.024	809.0	6.120	34.886	27.447	8.989	859.0	5.798	34.888	27.490	8.960
760.0	6.521	34.888	27.396	9.024	810.0	6.116	34.886	27.446	8.992	860.0	5.792	34.887	27.490	8.957
761.0	6.515	34.887	27.396	9.021	811.0	6.108	34.885	27.448	8.990	861.0	5.787	34.888	27.492	8.956
762.0	6.506	34.886	27.397	9.020	812.0	6.102	34.886	27.450	8.989	862.0	5.782	34.888	27.492	8.956
763.0	6.491	34.885	27.398	9.017	813.0	6.098	34.886	27.451	8.987	863.0	5.773	34.887	27.494	8.955
764.0	6.483	34.885	27.399	9.017	814.0	6.089	34.885	27.450	8.989	864.0	5.771	34.887	27.494	8.953
765.0	6.475	34.885	27.400	9.015	815.0	6.079	34.886	27.453	8.987	865.0	5.769	34.887	27.494	8.952
766.0	6.468	34.885	27.401	9.014	816.0	6.074	34.886	27.453	8.986	866.0	5.762	34.887	27.495	8.951
767.0	6.462	34.886	27.402	9.015	817.0	6.069	34.887	27.455	8.985	867.0	5.754	34.887	27.496	8.950
768.0	6.461	34.884	27.401	9.015	818.0	6.067	34.885	27.454	8.986	868.0	5.751	34.889	27.497	8.950
769.0	6.452	34.884	27.402	9.015	819.0	6.057	34.885	27.455	8.983	869.0	5.750	34.887	27.497	8.950
770.0	6.440	34.885	27.404	9.016	820.0	6.045	34.886	27.458	8.984	870.0	5.750	34.889	27.497	8.948
771.0	6.434	34.885	27.405	9.014	821.0	6.037	34.886	27.458	8.980	871.0	5.749	34.889	27.497	8.947
772.0	6.427	34.885	27.406	9.015	822.0	6.027	34.887	27.460	8.981	872.0	5.749	34.889	27.497	8.947
773.0	6.420	34.885	27.407	9.014	823.0	6.015	34.887	27.461	8.979	873.0	5.747	34.889	27.498	8.946

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 LAT 25 29.743 LON 09 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
874.0	5.745	34.890	27.498	8.946	924.0	5.535	34.895	27.529	8.917	977.0	5.339	34.902	27.558	8.890
875.0	5.744	34.889	27.498	8.945	925.0	5.532	34.896	27.529	8.916	978.0	5.336	34.902	27.558	8.888
876.0	5.742	34.889	27.498	8.946	926.0	5.528	34.896	27.530	8.915	979.0	5.332	34.903	27.560	8.889
877.0	5.740	34.889	27.498	8.944	927.0	5.524	34.895	27.530	8.916	980.0	5.329	34.903	27.560	8.886
878.0	5.735	34.889	27.499	8.944	928.0	5.521	34.896	27.531	8.914	981.0	5.326	34.903	27.560	8.887
879.0	5.731	34.890	27.500	8.942	929.0	5.518	34.896	27.531	8.912	982.0	5.322	34.903	27.561	8.887
880.0	5.725	34.888	27.500	8.942	930.0	5.517	34.896	27.531	8.913	983.0	5.315	34.903	27.561	8.887
881.0	5.713	34.889	27.501	8.941	931.0	5.512	34.896	27.532	8.914	984.0	5.305	34.902	27.562	8.887
882.0	5.709	34.890	27.502	8.940	932.0	5.507	34.896	27.532	8.912	985.0	5.301	34.903	27.563	8.883
883.0	5.705	34.890	27.503	8.938	933.0	5.500	34.896	27.533	8.911	986.0	5.295	34.905	27.565	8.885
884.0	5.694	34.888	27.503	8.939	934.0	5.488	34.897	27.535	8.910	987.0	5.294	34.905	27.565	8.884
885.0	5.675	34.890	27.507	8.938	935.0	5.479	34.897	27.537	8.909	988.0	5.290	34.904	27.565	8.885
886.0	5.663	34.891	27.510	8.937	936.0	5.476	34.897	27.537	8.909	989.0	5.287	34.904	27.565	8.883
887.0	5.661	34.891	27.509	8.936	937.0	5.469	34.898	27.539	8.908	990.0	5.286	34.905	27.567	8.884
888.0	5.657	34.892	27.510	8.936	938.0	5.464	34.899	27.540	8.908	991.0	5.285	34.905	27.566	8.882
889.0	5.656	34.892	27.511	8.935	939.0	5.464	34.898	27.539	8.907	992.0	5.282	34.905	27.567	8.882
890.0	5.656	34.891	27.510	8.935	940.0	5.462	34.899	27.540	8.906	993.0	5.278	34.905	27.567	8.880
891.0	5.655	34.891	27.510	8.933	941.0	5.462	34.898	27.539	8.907	994.0	5.276	34.905	27.567	8.883
892.0	5.654	34.891	27.510	8.933	942.0	5.459	34.899	27.541	8.906	995.0	5.271	34.906	27.569	8.881
893.0	5.650	34.891	27.511	8.932	943.0	5.459	34.899	27.541	8.906	996.0	5.269	34.906	27.569	8.879
894.0	5.646	34.891	27.512	8.933	944.0	5.458	34.899	27.541	8.906	997.0	5.267	34.905	27.569	8.880
895.0	5.641	34.891	27.512	8.932	945.0	5.456	34.900	27.542	8.905	998.0	5.265	34.906	27.569	8.878
896.0	5.633	34.892	27.514	8.932	946.0	5.457	34.898	27.540	8.903	999.0	5.264	34.906	27.569	8.878
897.0	5.632	34.891	27.513	8.931	947.0	5.453	34.901	27.543	8.898	1000.0	5.262	34.906	27.570	8.876
898.0	5.627	34.892	27.514	8.931	948.0	5.453	34.899	27.542	8.902	1001.0	5.259	34.906	27.571	8.877
899.0	5.624	34.893	27.515	8.931	949.0	5.453	34.897	27.540	8.904	1002.0	5.257	34.905	27.570	8.877
900.0	5.622	34.892	27.515	8.931	950.0	5.453	34.896	27.539	8.900	1003.0	5.254	34.905	27.571	8.875
901.0	5.620	34.893	27.516	8.928	951.0	5.453	34.895	27.538	8.901	1004.0	5.251	34.906	27.571	8.876
902.0	5.617	34.893	27.516	8.928	952.0	5.452	34.894	27.538	8.902	1005.0	5.250	34.906	27.571	8.878
903.0	5.615	34.894	27.518	8.928	953.0	5.445	34.898	27.542	8.900	1006.0	5.247	34.907	27.572	8.875
904.0	5.613	34.893	27.517	8.926	954.0	5.442	34.896	27.541	8.900	1007.0	5.247	34.906	27.572	8.873
905.0	5.611	34.892	27.517	8.927	955.0	5.434	34.898	27.543	8.900	1008.0	5.245	34.906	27.572	8.873
906.0	5.608	34.893	27.518	8.925	956.0	5.429	34.898	27.544	8.899	1009.0	5.243	34.906	27.573	8.874
907.0	5.606	34.893	27.518	8.926	957.0	5.422	34.898	27.544	8.898	1010.0	5.242	34.906	27.573	8.872
908.0	5.604	34.894	27.519	8.926	958.0	5.419	34.899	27.546	8.898	1011.0	5.241	34.907	27.573	8.873
909.0	5.599	34.894	27.519	8.925	962.0	5.407	34.900	27.548	8.896	1012.0	5.241	34.907	27.573	8.871
910.0	5.590	34.893	27.520	8.923	963.0	5.403	34.899	27.548	8.895	1013.0	5.239	34.906	27.573	8.871
911.0	5.576	34.893	27.521	8.923	964.0	5.396	34.900	27.549	8.894	1014.0	5.234	34.907	27.574	8.871
912.0	5.563	34.895	27.525	8.925	965.0	5.384	34.900	27.551	8.895	1015.0	5.231	34.907	27.574	8.869
913.0	5.561	34.895	27.525	8.925	966.0	5.377	34.901	27.553	8.895	1016.0	5.228	34.907	27.575	8.870
914.0	5.560	34.895	27.525	8.922	967.0	5.376	34.902	27.553	8.895	1017.0	5.226	34.907	27.575	8.868
915.0	5.559	34.895	27.525	8.922	968.0	5.376	34.900	27.552	8.894	1018.0	5.225	34.907	27.575	8.868
916.0	5.558	34.895	27.526	8.922	969.0	5.373	34.901	27.553	8.894	1019.0	5.224	34.908	27.576	8.868
917.0	5.556	34.895	27.526	8.923	970.0	5.373	34.901	27.553	8.890	1020.0	5.223	34.907	27.576	8.868
918.0	5.554	34.895	27.526	8.923	971.0	5.366	34.900	27.553	8.892	1021.0	5.222	34.907	27.575	8.867
919.0	5.552	34.895	27.526	8.921	972.0	5.357	34.902	27.553	8.892	1022.0	5.218	34.907	27.576	8.867
920.0	5.550	34.896	27.527	8.921	973.0	5.350	34.902	27.556	8.892	1023.0	5.215	34.907	27.577	8.867
921.0	5.550	34.895	27.527	8.918	974.0	5.349	34.902	27.556	8.891	1024.0	5.212	34.907	27.577	8.866
922.0	5.547	34.895	27.527	8.919	975.0	5.347	34.902	27.557	8.891	1025.0	5.210	34.908	27.578	8.864
923.0	5.541	34.895	27.527	8.917	976.0	5.347	34.902	27.557	8.892	1026.0	5.210	34.907	27.577	8.864

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 LAT 25 29.743 LON 09 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1027.0	5.209	34.908	27.577	8.864	1090.0	4.946	34.919	27.618	8.829	1140.0	4.809	34.925	27.638	8.799
1028.0	5.206	34.907	27.577	8.864	1091.0	4.940	34.919	27.618	8.829	1141.0	4.808	34.926	27.639	8.800
1029.0	5.201	34.908	27.578	8.864	1092.0	4.937	34.920	27.619	8.828	1142.0	4.806	34.927	27.640	8.798
1030.0	5.195	34.908	27.580	8.865	1093.0	4.935	34.919	27.619	8.823	1143.0	4.805	34.926	27.640	8.797
1031.0	5.191	34.908	27.580	8.863	1094.0	4.930	34.921	27.620	8.827	1144.0	4.803	34.927	27.640	8.797
1032.0	5.180	34.909	27.582	8.863	1095.0	4.926	34.920	27.621	8.827	1145.0	4.802	34.926	27.640	8.794
1033.0	5.173	34.910	27.583	8.863	1096.0	4.919	34.920	27.621	8.827	1146.0	4.802	34.926	27.640	8.794
1034.0	5.170	34.909	27.583	8.861	1097.0	4.911	34.921	27.623	8.825	1147.0	4.802	34.926	27.640	8.795
1035.0	5.164	34.910	27.585	8.861	1098.0	4.907	34.921	27.624	8.825	1148.0	4.800	34.926	27.640	8.797
1036.0	5.159	34.910	27.586	8.859	1099.0	4.902	34.922	27.625	8.823	1149.0	4.800	34.926	27.640	8.794
1037.0	5.153	34.910	27.586	8.858	1100.0	4.900	34.922	27.625	8.823	1150.0	4.798	34.927	27.641	8.794
1038.0	5.146	34.911	27.588	8.859	1101.0	4.899	34.921	27.625	8.823	1151.0	4.796	34.926	27.641	8.793
1039.0	5.136	34.912	27.590	8.859	1102.0	4.894	34.922	27.626	8.824	1152.0	4.795	34.927	27.642	8.792
1040.0	5.129	34.910	27.589	8.858	1103.0	4.889	34.922	27.626	8.823	1153.0	4.790	34.927	27.642	8.791
1041.0	5.124	34.912	27.591	8.857	1104.0	4.882	34.922	27.627	8.823	1154.0	4.787	34.927	27.643	8.791
1042.0	5.122	34.912	27.591	8.858	1105.0	4.877	34.923	27.629	8.823	1155.0	4.784	34.927	27.642	8.789
1043.0	5.121	34.911	27.591	8.858	1106.0	4.873	34.923	27.629	8.823	1156.0	4.779	34.927	27.643	8.789
1044.0	5.120	34.911	27.591	8.857	1107.0	4.873	34.923	27.629	8.821	1157.0	4.776	34.928	27.644	8.788
1045.0	5.118	34.912	27.592	8.855	1108.0	4.872	34.924	27.630	8.820	1158.0	4.772	34.928	27.645	8.790
1046.0	5.116	34.912	27.592	8.856	1109.0	4.871	34.924	27.630	8.819	1159.0	4.767	34.927	27.645	8.789
1047.0	5.114	34.912	27.592	8.855	1110.0	4.871	34.923	27.630	8.819	1160.0	4.763	34.928	27.646	8.789
1048.0	5.113	34.913	27.593	8.853	1111.0	4.870	34.923	27.630	8.819	1161.0	4.758	34.929	27.647	8.788
1049.0	5.112	34.912	27.593	8.855	1112.0	4.868	34.924	27.631	8.818	1162.0	4.756	34.928	27.646	8.786
1050.0	5.110	34.913	27.593	8.852	1113.0	4.869	34.923	27.630	8.816	1163.0	4.753	34.928	27.647	8.785
1051.0	5.108	34.912	27.593	8.853	1114.0	4.864	34.924	27.631	8.818	1164.0	4.750	34.929	27.648	8.786
1052.0	5.104	34.912	27.594	8.851	1115.0	4.858	34.924	27.631	8.817	1165.0	4.749	34.929	27.648	8.785
1053.0	5.097	34.912	27.595	8.849	1116.0	4.856	34.924	27.632	8.815	1166.0	4.747	34.930	27.649	8.785
1054.0	5.086	34.913	27.597	8.848	1117.0	4.851	34.924	27.633	8.816	1167.0	4.747	34.929	27.649	8.783
1055.0	5.079	34.912	27.597	8.849	1118.0	4.849	34.924	27.633	8.813	1168.0	4.744	34.930	27.649	8.781
1056.0	5.073	34.914	27.599	8.847	1119.0	4.848	34.925	27.634	8.814	1169.0	4.743	34.929	27.648	8.782
1057.0	5.071	34.914	27.599	8.849	1120.0	4.847	34.924	27.634	8.813	1170.0	4.741	34.929	27.649	8.780
1058.0	5.068	34.914	27.599	8.848	1121.0	4.844	34.924	27.634	8.813	1171.0	4.739	34.930	27.650	8.780
1059.0	5.060	34.914	27.601	8.848	1122.0	4.842	34.925	27.635	8.812	1172.0	4.737	34.929	27.649	8.780
1060.0	5.056	34.914	27.601	8.848	1123.0	4.840	34.924	27.634	8.810	1173.0	4.732	34.930	27.651	8.779
1061.0	5.054	34.914	27.602	8.848	1124.0	4.837	34.925	27.635	8.809	1174.0	4.730	34.930	27.651	8.779
1062.0	5.051	34.915	27.602	8.846	1125.0	4.836	34.925	27.635	8.809	1175.0	4.729	34.930	27.651	8.779
1063.0	5.048	34.914	27.602	8.847	1126.0	4.835	34.925	27.635	8.808	1176.0	4.726	34.930	27.652	8.775
1064.0	5.045	34.915	27.603	8.845	1127.0	4.835	34.925	27.635	8.807	1177.0	4.725	34.930	27.652	8.779
1065.0	5.043	34.915	27.604	8.845	1128.0	4.834	34.925	27.635	8.808	1178.0	4.722	34.930	27.652	8.775
1066.0	5.041	34.915	27.603	8.842	1129.0	4.834	34.925	27.635	8.805	1179.0	4.719	34.930	27.652	8.772
1067.0	5.039	34.916	27.604	8.844	1130.0	4.833	34.925	27.635	8.807	1180.0	4.717	34.931	27.653	8.775
1031.0	4.960	34.917	27.615	8.832	1131.0	4.833	34.925	27.635	8.805	1181.0	4.714	34.931	27.654	8.775
1032.0	4.960	34.919	27.616	8.833	1132.0	4.832	34.925	27.636	8.805	1182.0	4.713	34.930	27.653	8.773
1033.0	4.958	34.919	27.616	8.834	1133.0	4.831	34.925	27.635	8.804	1183.0	4.706	34.931	27.655	8.772
1034.0	4.958	34.919	27.616	8.831	1134.0	4.831	34.925	27.636	8.804	1184.0	4.703	34.932	27.656	8.770
1035.0	4.957	34.920	27.617	8.832	1135.0	4.829	34.925	27.636	8.804	1185.0	4.702	34.931	27.655	8.772
1036.0	4.957	34.919	27.617	8.830	1136.0	4.826	34.925	27.636	8.801	1186.0	4.701	34.931	27.656	8.771
1037.0	4.957	34.919	27.616	8.830	1137.0	4.822	34.925	27.637	8.799	1187.0	4.697	34.931	27.656	8.769
1038.0	4.957	34.919	27.616	8.828	1138.0	4.819	34.925	27.637	8.800	1188.0	4.695	34.932	27.656	8.770
1039.0	4.953	34.919	27.616	8.829	1139.0	4.815	34.926	27.638	8.800	1189.0	4.694	34.932	27.657	8.771

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1190.0	4.692	34.932	27.657	8.770	1240.0	4.587	34.938	27.673	8.739	1290.0	4.517	34.942	27.685	8.709
1191.0	4.688	34.932	27.658	8.769	1241.0	4.584	34.938	27.674	8.738	1291.0	4.517	34.942	27.684	8.710
1192.0	4.686	34.932	27.658	8.768	1242.0	4.582	34.938	27.675	8.737	1292.0	4.517	34.942	27.685	8.711
1193.0	4.684	34.933	27.659	8.767	1243.0	4.580	34.938	27.675	8.737	1293.0	4.516	34.942	27.684	8.708
1194.0	4.680	34.932	27.659	8.768	1244.0	4.578	34.938	27.675	8.735	1294.0	4.515	34.942	27.685	8.708
1195.0	4.678	34.933	27.659	8.767	1245.0	4.578	34.939	27.675	8.734	1295.0	4.514	34.942	27.685	8.709
1196.0	4.676	34.933	27.660	8.766	1246.0	4.577	34.939	27.675	8.734	1296.0	4.512	34.942	27.685	8.708
1197.0	4.675	34.933	27.659	8.766	1247.0	4.576	34.938	27.675	8.732	1297.0	4.510	34.942	27.685	8.708
1198.0	4.673	34.933	27.660	8.765	1248.0	4.576	34.939	27.676	8.731	1298.0	4.509	34.942	27.685	8.708
1199.0	4.670	34.934	27.661	8.766	1249.0	4.576	34.938	27.675	8.733	1299.0	4.508	34.942	27.686	8.707
1200.0	4.667	34.933	27.661	8.766	1250.0	4.575	34.939	27.676	8.732	1300.0	4.507	34.941	27.685	8.707
1201.0	4.665	34.933	27.661	8.763	1251.0	4.575	34.939	27.676	8.731	1301.0	4.505	34.943	27.686	8.707
1202.0	4.662	34.934	27.662	8.762	1252.0	4.574	34.939	27.676	8.729	1302.0	4.503	34.943	27.687	8.707
1203.0	4.660	34.934	27.662	8.764	1253.0	4.573	34.939	27.676	8.731	1303.0	4.501	34.942	27.687	8.704
1204.0	4.659	34.934	27.662	8.762	1254.0	4.571	34.939	27.676	8.728	1304.0	4.499	34.943	27.687	8.705
1205.0	4.658	34.934	27.662	8.761	1255.0	4.569	34.939	27.676	8.728	1305.0	4.498	34.942	27.687	8.705
1206.0	4.656	34.934	27.663	8.761	1256.0	4.564	34.939	27.677	8.728	1306.0	4.496	34.943	27.688	8.704
1207.0	4.656	34.934	27.663	8.759	1257.0	4.563	34.939	27.677	8.727	1307.0	4.494	34.944	27.688	8.702
1208.0	4.654	34.935	27.664	8.759	1258.0	4.559	34.940	27.678	8.727	1308.0	4.492	34.944	27.689	8.702
1209.0	4.655	34.934	27.662	8.758	1259.0	4.558	34.940	27.678	8.728	1309.0	4.489	34.946	27.691	8.702
1210.0	4.654	34.935	27.664	8.756	1260.0	4.557	34.940	27.678	8.726	1310.0	4.489	34.945	27.690	8.702
1211.0	4.654	34.934	27.663	8.757	1261.0	4.556	34.939	27.678	8.726	1311.0	4.489	34.945	27.690	8.702
1212.0	4.652	34.935	27.664	8.756	1262.0	4.554	34.940	27.679	8.725	1312.0	4.489	34.943	27.689	8.702
1213.0	4.653	34.934	27.663	8.756	1263.0	4.549	34.940	27.679	8.726	1313.0	4.489	34.942	27.688	8.701
1214.0	4.653	34.934	27.663	8.755	1264.0	4.545	34.940	27.680	8.724	1314.0	4.489	34.942	27.688	8.701
1215.0	4.651	34.935	27.664	8.756	1265.0	4.544	34.940	27.680	8.724	1315.0	4.490	34.942	27.687	8.700
1216.0	4.648	34.933	27.663	8.756	1266.0	4.543	34.941	27.680	8.723	1316.0	4.489	34.941	27.687	8.699
1217.0	4.644	34.935	27.665	8.753	1267.0	4.542	34.940	27.680	8.720	1317.0	4.490	34.940	27.686	8.698
1218.0	4.643	34.935	27.665	8.755	1268.0	4.540	34.941	27.681	8.720	1318.0	4.489	34.940	27.686	8.699
1219.0	4.643	34.935	27.665	8.755	1269.0	4.540	34.938	27.679	8.722	1319.0	4.488	34.941	27.687	8.698
1220.0	4.643	34.935	27.665	8.751	1270.0	4.536	34.941	27.681	8.719	1320.0	4.486	34.942	27.688	8.696
1221.0	4.642	34.935	27.665	8.751	1271.0	4.543	34.933	27.675	8.720	1321.0	4.485	34.943	27.689	8.697
1222.0	4.637	34.935	27.665	8.752	1272.0	4.536	34.941	27.682	8.717	1322.0	4.484	34.943	27.689	8.697
1223.0	4.629	34.935	27.667	8.752	1273.0	4.536	34.940	27.681	8.719	1323.0	4.483	34.942	27.688	8.697
1224.0	4.622	34.936	27.668	8.749	1274.0	4.533	34.941	27.682	8.718	1324.0	4.483	34.942	27.688	8.695
1225.0	4.619	34.937	27.669	8.749	1275.0	4.533	34.941	27.682	8.718	1325.0	4.480	34.944	27.690	8.694
1226.0	4.618	34.936	27.668	8.747	1276.0	4.533	34.941	27.682	8.718	1326.0	4.481	34.942	27.688	8.693
1227.0	4.616	34.936	27.668	8.748	1277.0	4.532	34.941	27.682	8.717	1327.0	4.479	34.943	27.689	8.694
1228.0	4.611	34.937	27.670	8.749	1278.0	4.531	34.941	27.682	8.715	1328.0	4.477	34.943	27.690	8.693
1229.0	4.607	34.937	27.671	8.746	1279.0	4.530	34.941	27.682	8.716	1329.0	4.476	34.944	27.690	8.694
1230.0	4.605	34.936	27.670	8.746	1280.0	4.530	34.941	27.682	8.716	1330.0	4.475	34.944	27.691	8.693
1231.0	4.601	34.938	27.672	8.747	1281.0	4.529	34.941	27.683	8.716	1331.0	4.474	34.944	27.691	8.692
1232.0	4.591	34.937	27.671	8.746	1282.0	4.528	34.941	27.683	8.715	1332.0	4.473	34.945	27.692	8.691
1233.0	4.589	34.937	27.671	8.746	1283.0	4.528	34.941	27.683	8.715	1333.0	4.473	34.943	27.691	8.692
1234.0	4.588	34.937	27.672	8.744	1284.0	4.527	34.941	27.683	8.713	1334.0	4.473	34.944	27.691	8.693
1235.0	4.586	34.937	27.672	8.741	1285.0	4.526	34.941	27.683	8.713	1335.0	4.473	34.943	27.690	8.691
1236.0	4.584	34.937	27.672	8.742	1286.0	4.524	34.941	27.683	8.713	1336.0	4.472	34.944	27.691	8.690
1237.0	4.582	34.938	27.673	8.741	1287.0	4.522	34.941	27.683	8.710	1337.0	4.472	34.944	27.691	8.690
1238.0	4.581	34.938	27.673	8.742	1288.0	4.521	34.941	27.683	8.712	1338.0	4.471	34.947	27.690	8.690
1239.0	4.580	34.938	27.674	8.742	1289.0	4.519	34.942	27.684	8.711	1339.0	4.469	34.944	27.691	8.690

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 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XS1	DEPTH	TEMP	SALT	SIGMA-T	XS1	DEPTH	TEMP	SALT	SIGMA-T	XS1
1340.0	4.466	34.943	27.691	8.689	1390.0	4.436	34.946	27.697	8.669	1440.0	4.395	34.949	27.703	8.656
1341.0	4.462	34.945	27.693	8.688	1391.0	4.435	34.947	27.697	8.669	1441.0	4.394	34.950	27.704	8.654
1342.0	4.462	34.945	27.693	8.688	1392.0	4.435	34.947	27.698	8.669	1442.0	4.394	34.950	27.704	8.653
1343.0	4.460	34.945	27.693	8.689	1393.0	4.435	34.947	27.697	8.668	1443.0	4.393	34.949	27.704	8.654
1344.0	4.458	34.944	27.693	8.689	1394.0	4.435	34.947	27.697	8.667	1444.0	4.393	34.949	27.704	8.653
1345.0	4.457	34.945	27.693	8.687	1395.0	4.434	34.947	27.698	8.669	1445.0	4.392	34.950	27.704	8.652
1346.0	4.456	34.945	27.694	8.687	1396.0	4.433	34.946	27.697	8.666	1446.0	4.392	34.950	27.704	8.653
1347.0	4.456	34.945	27.694	8.687	1397.0	4.429	34.947	27.698	8.667	1447.0	4.392	34.949	27.704	8.654
1348.0	4.455	34.945	27.694	8.685	1398.0	4.427	34.947	27.698	8.667	1448.0	4.391	34.950	27.704	8.652
1349.0	4.454	34.945	27.694	8.687	1399.0	4.426	34.948	27.699	8.664	1449.0	4.392	34.949	27.704	8.652
1350.0	4.454	34.945	27.694	8.685	1400.0	4.426	34.947	27.698	8.665	1450.0	4.392	34.949	27.704	8.653
1351.0	4.453	34.945	27.694	8.685	1401.0	4.425	34.947	27.699	8.666	1451.0	4.392	34.949	27.704	8.652
1352.0	4.452	34.945	27.694	8.683	1402.0	4.425	34.947	27.699	8.665	1452.0	4.391	34.949	27.704	8.654
1353.0	4.450	34.946	27.695	8.684	1403.0	4.424	34.947	27.699	8.662	1453.0	4.392	34.949	27.704	8.653
1354.0	4.449	34.945	27.695	8.684	1404.0	4.423	34.947	27.699	8.664	1454.0	4.391	34.950	27.704	8.654
1355.0	4.448	34.945	27.695	8.683	1405.0	4.422	34.948	27.699	8.663	1455.0	4.391	34.949	27.704	8.652
1356.0	4.447	34.946	27.695	8.681	1406.0	4.422	34.948	27.699	8.662	1456.0	4.390	34.950	27.704	8.652
1357.0	4.446	34.946	27.696	8.682	1407.0	4.421	34.947	27.699	8.663	1457.0	4.390	34.950	27.705	8.652
1358.0	4.447	34.946	27.695	8.681	1408.0	4.420	34.948	27.700	8.664	1458.0	4.389	34.950	27.705	8.652
1359.0	4.446	34.946	27.695	8.682	1409.0	4.420	34.948	27.700	8.663	1459.0	4.388	34.950	27.705	8.651
1360.0	4.446	34.946	27.696	8.681	1410.0	4.419	34.948	27.700	8.664	1460.0	4.388	34.949	27.704	8.651
1361.0	4.446	34.946	27.696	8.678	1411.0	4.418	34.948	27.700	8.662	1461.0	4.387	34.949	27.705	8.649
1362.0	4.446	34.946	27.695	8.679	1412.0	4.418	34.947	27.700	8.662	1462.0	4.385	34.950	27.705	8.652
1363.0	4.446	34.946	27.696	8.680	1413.0	4.416	34.948	27.700	8.662	1463.0	4.384	34.950	27.705	8.652
1364.0	4.446	34.945	27.695	8.679	1414.0	4.416	34.948	27.700	8.662	1464.0	4.383	34.950	27.706	8.650
1365.0	4.446	34.946	27.695	8.679	1415.0	4.416	34.948	27.700	8.662	1465.0	4.383	34.950	27.706	8.650
1366.0	4.446	34.946	27.695	8.678	1416.0	4.416	34.948	27.700	8.659	1466.0	4.382	34.950	27.706	8.650
1367.0	4.446	34.946	27.695	8.678	1417.0	4.415	34.948	27.700	8.660	1467.0	4.382	34.950	27.706	8.649
1368.0	4.446	34.946	27.696	8.678	1418.0	4.414	34.948	27.701	8.660	1468.0	4.381	34.950	27.706	8.649
1369.0	4.445	34.947	27.696	8.676	1419.0	4.413	34.948	27.701	8.660	1469.0	4.382	34.949	27.705	8.650
1370.0	4.445	34.946	27.696	8.675	1420.0	4.413	34.948	27.701	8.660	1470.0	4.381	34.950	27.706	8.650
1371.0	4.444	34.946	27.696	8.675	1421.0	4.413	34.948	27.701	8.661	1471.0	4.381	34.950	27.706	8.649
1372.0	4.443	34.946	27.696	8.675	1422.0	4.411	34.948	27.701	8.661	1472.0	4.381	34.949	27.705	8.649
1373.0	4.442	34.946	27.697	8.674	1423.0	4.409	34.948	27.701	8.658	1473.0	4.380	34.950	27.706	8.649
1374.0	4.442	34.946	27.696	8.674	1424.0	4.408	34.949	27.702	8.660	1474.0	4.380	34.950	27.706	8.649
1375.0	4.440	34.946	27.697	8.674	1425.0	4.407	34.948	27.701	8.660	1475.0	4.378	34.951	27.706	8.648
1376.0	4.440	34.946	27.697	8.673	1426.0	4.406	34.948	27.701	8.660	1476.0	4.378	34.950	27.706	8.650
1377.0	4.440	34.946	27.697	8.672	1427.0	4.404	34.949	27.702	8.660	1477.0	4.377	34.950	27.706	8.649
1378.0	4.440	34.946	27.696	8.673	1428.0	4.403	34.949	27.702	8.659	1478.0	4.375	34.951	27.707	8.650
1379.0	4.439	34.946	27.697	8.673	1429.0	4.403	34.949	27.702	8.659	1479.0	4.375	34.950	27.706	8.650
1380.0	4.439	34.947	27.697	8.672	1430.0	4.402	34.949	27.702	8.658	1480.0	4.375	34.951	27.707	8.649
1381.0	4.439	34.947	27.697	8.672	1431.0	4.402	34.948	27.702	8.657	1481.0	4.374	34.951	27.707	8.650
1382.0	4.438	34.947	27.697	8.671	1432.0	4.401	34.949	27.703	8.658	1482.0	4.374	34.951	27.707	8.649
1383.0	4.438	34.946	27.697	8.673	1433.0	4.401	34.949	27.703	8.656	1483.0	4.374	34.951	27.707	8.649
1384.0	4.438	34.946	27.697	8.672	1434.0	4.399	34.949	27.703	8.657	1484.0	4.374	34.951	27.707	8.648
1385.0	4.433	34.946	27.696	8.671	1435.0	4.397	34.949	27.704	8.657	1485.0	4.374	34.951	27.707	8.649
1386.0	4.438	34.946	27.697	8.671	1436.0	4.396	34.949	27.703	8.656	1486.0	4.373	34.951	27.707	8.648
1387.0	4.437	34.947	27.697	8.669	1437.0	4.396	34.949	27.703	8.655	1487.0	4.373	34.950	27.707	8.649
1388.0	4.436	34.947	27.697	8.670	1438.0	4.396	34.949	27.704	8.656	1488.0	4.372	34.951	27.708	8.649
1389.0	4.435	34.947	27.698	8.670	1439.0	4.396	34.949	27.703	8.655	1489.0	4.370	34.951	27.708	8.650

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DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
1490.0	4.370	34.951	27.708	8.647	1551.0	4.341	34.953	27.713	8.644	1601.0	4.319	34.955	27.717	8.650
1491.0	4.370	34.950	27.708	8.647	1552.0	4.341	34.953	27.713	8.645	1602.0	4.320	34.954	27.715	8.650
1492.0	4.368	34.951	27.708	8.647	1553.0	4.340	34.953	27.713	8.645	1603.0	4.319	34.954	27.716	8.651
1493.0	4.368	34.951	27.708	8.648	1554.0	4.339	34.953	27.713	8.645	1604.0	4.318	34.955	27.717	8.651
1494.0	4.367	34.951	27.708	8.649	1555.0	4.338	34.953	27.713	8.644	1605.0	4.319	34.954	27.716	8.651
1495.0	4.367	34.951	27.708	8.646	1556.0	4.338	34.954	27.714	8.645	1606.0	4.318	34.955	27.717	8.651
1496.0	4.367	34.951	27.708	8.646	1557.0	4.338	34.954	27.713	8.645	1607.0	4.319	34.953	27.715	8.652
1497.0	4.366	34.952	27.709	8.645	1558.0	4.338	34.954	27.714	8.644	1608.0	4.317	34.955	27.717	8.652
1498.0	4.366	34.951	27.708	8.644	1559.0	4.338	34.953	27.713	8.644	1609.0	4.317	34.955	27.717	8.653
1499.0	4.365	34.951	27.708	8.646	1560.0	4.338	34.954	27.714	8.643	1610.0	4.318	34.954	27.716	8.652
1500.0	4.364	34.952	27.709	8.643	1561.0	4.336	34.955	27.714	8.645	1611.0	4.316	34.955	27.717	8.653
1501.0	4.364	34.951	27.708	8.643	1562.0	4.336	34.954	27.714	8.645	1612.0	4.317	34.955	27.717	8.653
1502.0	4.363	34.952	27.709	8.646	1563.0	4.335	34.954	27.714	8.644	1613.0	4.317	34.955	27.717	8.653
1503.0	4.363	34.951	27.709	8.645	1564.0	4.335	34.954	27.714	8.645	1614.0	4.317	34.954	27.716	8.652
1504.0	4.361	34.952	27.710	8.645	1565.0	4.335	34.953	27.713	8.642	1615.0	4.316	34.955	27.717	8.652
1505.0	4.361	34.952	27.709	8.645	1566.0	4.334	34.954	27.714	8.645	1616.0	4.317	34.954	27.717	8.652
1506.0	4.359	34.952	27.710	8.645	1567.0	4.333	34.955	27.715	8.646	1617.0	4.316	34.956	27.718	8.652
1507.0	4.359	34.951	27.709	8.646	1568.0	4.333	34.954	27.714	8.644	1618.0	4.316	34.955	27.717	8.653
1508.0	4.359	34.951	27.709	8.645	1569.0	4.333	34.954	27.714	8.644	1619.0	4.316	34.954	27.717	8.652
1509.0	4.358	34.952	27.710	8.646	1570.0	4.332	34.954	27.715	8.648	1620.0	4.316	34.954	27.716	8.653
1510.0	4.358	34.951	27.709	8.646	1571.0	4.328	34.957	27.718	8.647	1621.0	4.315	34.955	27.717	8.654
1511.0	4.357	34.952	27.710	8.645	1572.0	4.328	34.958	27.718	8.646	1622.0	4.315	34.955	27.717	8.654
1512.0	4.357	34.952	27.710	8.645	1573.0	4.329	34.955	27.716	8.647	1623.0	4.315	34.954	27.717	8.653
1513.0	4.357	34.951	27.709	8.645	1574.0	4.330	34.954	27.715	8.650	1624.0	4.315	34.955	27.717	8.653
1514.0	4.357	34.951	27.709	8.646	1575.0	4.327	34.956	27.716	8.647	1625.0	4.315	34.955	27.717	8.654
1515.0	4.356	34.952	27.710	8.643	1576.0	4.327	34.956	27.717	8.644	1626.0	4.314	34.954	27.717	8.654
1516.0	4.356	34.952	27.710	8.644	1577.0	4.327	34.955	27.716	8.648	1627.0	4.310	34.955	27.717	8.656
1517.0	4.355	34.952	27.710	8.645	1578.0	4.327	34.955	27.716	8.648	1628.0	4.310	34.955	27.718	8.659
1518.0	4.354	34.952	27.711	8.644	1579.0	4.327	34.954	27.715	8.647	1629.0	4.309	34.955	27.718	8.658
1519.0	4.354	34.952	27.710	8.645	1580.0	4.328	34.954	27.715	8.647	1630.0	4.307	34.956	27.719	8.659
1520.0	4.354	34.952	27.710	8.644	1581.0	4.326	34.954	27.715	8.649	1631.0	4.308	34.956	27.718	8.658
1521.0	4.354	34.952	27.710	8.644	1582.0	4.327	34.952	27.714	8.647	1640.0	4.308	34.956	27.718	8.659
1522.0	4.353	34.952	27.711	8.644	1583.0	4.326	34.952	27.713	8.648	1641.0	4.309	34.955	27.718	8.659
1523.0	4.353	34.952	27.710	8.645	1584.0	4.325	34.953	27.715	8.648	1642.0	4.307	34.956	27.719	8.659
1524.0	4.353	34.952	27.710	8.644	1585.0	4.323	34.954	27.716	8.648	1643.0	4.307	34.956	27.718	8.659
1525.0	4.352	34.952	27.710	8.644	1586.0	4.323	34.954	27.716	8.648	1644.0	4.307	34.956	27.719	8.659
1526.0	4.352	34.952	27.711	8.643	1587.0	4.324	34.954	27.715	8.648	1645.0	4.307	34.956	27.719	8.660
1527.0	4.351	34.952	27.711	8.643	1588.0	4.323	34.954	27.716	8.648	1646.0	4.307	34.955	27.718	8.659
1528.0	4.350	34.953	27.711	8.647	1589.0	4.323	34.954	27.716	8.648	1647.0	4.306	34.956	27.719	8.660
1529.0	4.351	34.952	27.711	8.644	1590.0	4.324	34.953	27.714	8.648	1648.0	4.307	34.955	27.718	8.658
1530.0	4.350	34.952	27.711	8.645	1591.0	4.322	34.955	27.716	8.648	1649.0	4.305	34.957	27.719	8.661
1531.0	4.349	34.952	27.711	8.646	1592.0	4.322	34.955	27.716	8.647	1650.0	4.306	34.956	27.719	8.660
1532.0	4.349	34.952	27.711	8.644	1593.0	4.321	34.955	27.716	8.649	1651.0	4.306	34.956	27.719	8.661
1533.0	4.348	34.953	27.712	8.647	1594.0	4.322	34.954	27.716	8.649	1652.0	4.305	34.956	27.719	8.661
1534.0	4.348	34.952	27.711	8.648	1595.0	4.322	34.954	27.716	8.651	1653.0	4.306	34.956	27.719	8.661
1535.0	4.347	34.953	27.712	8.653	1596.0	4.323	34.953	27.715	8.649	1654.0	4.306	34.956	27.719	8.662
1536.0	4.347	34.952	27.711	8.645	1597.0	4.321	34.955	27.716	8.649	1655.0	4.306	34.955	27.718	8.661
1537.0	4.343	34.953	27.712	8.645	1598.0	4.322	34.954	27.716	8.649	1656.0	4.305	34.956	27.719	8.663
1538.0	4.343	34.953	27.712	8.645	1599.0	4.322	34.954	27.715	8.649	1657.0	4.305	34.956	27.719	8.663
1539.0	4.342	34.953	27.712	8.645	1600.0	4.321	34.954	27.716	8.649	1658.0	4.305	34.956	27.719	8.662

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1659.0	4.306	34.956	27.719	8.664	1709.0	4.294	34.957	27.721	8.677	1759.0	4.289	34.957	27.721	8.692
1660.0	4.305	34.956	27.719	8.663	1710.0	4.294	34.957	27.721	8.679	1760.0	4.288	34.958	27.722	8.692
1661.0	4.305	34.956	27.719	8.662	1711.0	4.294	34.957	27.721	8.678	1761.0	4.288	34.958	27.722	8.692
1662.0	4.306	34.955	27.718	8.663	1712.0	4.293	34.958	27.721	8.678	1762.0	4.288	34.957	27.722	8.693
1663.0	4.306	34.955	27.718	8.662	1713.0	4.293	34.957	27.721	8.679	1763.0	4.289	34.957	27.721	8.694
1664.0	4.305	34.956	27.719	8.663	1714.0	4.294	34.957	27.721	8.678	1764.0	4.288	34.957	27.722	8.693
1665.0	4.305	34.956	27.719	8.662	1715.0	4.293	34.957	27.721	8.679	1765.0	4.288	34.957	27.722	8.694
1666.0	4.304	34.956	27.719	8.663	1716.0	4.293	34.957	27.721	8.678	1766.0	4.288	34.957	27.721	8.695
1667.0	4.304	34.956	27.719	8.665	1717.0	4.293	34.957	27.721	8.680	1767.0	4.289	34.957	27.721	8.696
1668.0	4.304	34.956	27.719	8.664	1718.0	4.293	34.957	27.721	8.680	1768.0	4.287	34.957	27.722	8.696
1669.0	4.304	34.956	27.719	8.664	1719.0	4.293	34.957	27.721	8.680	1769.0	4.287	34.957	27.722	8.696
1670.0	4.304	34.955	27.719	8.664	1720.0	4.293	34.957	27.721	8.678	1770.0	4.286	34.958	27.723	8.696
1671.0	4.302	34.957	27.719	8.664	1721.0	4.293	34.957	27.721	8.682	1771.0	4.287	34.958	27.722	8.697
1672.0	4.302	34.956	27.719	8.665	1722.0	4.293	34.957	27.721	8.681	1772.0	4.287	34.958	27.722	8.698
1673.0	4.303	34.955	27.719	8.667	1723.0	4.293	34.957	27.721	8.682	1773.0	4.286	34.958	27.723	8.700
1674.0	4.302	34.956	27.719	8.664	1724.0	4.292	34.958	27.721	8.681	1774.0	4.286	34.958	27.722	8.698
1675.0	4.301	34.956	27.719	8.667	1725.0	4.293	34.957	27.721	8.682	1775.0	4.286	34.958	27.722	8.698
1676.0	4.301	34.956	27.719	8.667	1726.0	4.292	34.957	27.721	8.682	1776.0	4.287	34.958	27.722	8.697
1677.0	4.301	34.956	27.719	8.667	1727.0	4.292	34.957	27.721	8.681	1777.0	4.287	34.958	27.722	8.701
1678.0	4.301	34.956	27.719	8.667	1728.0	4.292	34.957	27.721	8.682	1778.0	4.284	34.958	27.723	8.704
1679.0	4.301	34.956	27.719	8.667	1729.0	4.291	34.958	27.721	8.684	1779.0	4.285	34.957	27.722	8.706
1680.0	4.300	34.956	27.719	8.668	1730.0	4.292	34.957	27.721	8.684	1790.0	4.285	34.957	27.722	8.707
1681.0	4.300	34.956	27.720	8.667	1731.0	4.291	34.957	27.721	8.684	1791.0	4.285	34.958	27.723	8.706
1682.0	4.301	34.956	27.719	8.668	1732.0	4.291	34.957	27.721	8.685	1792.0	4.284	34.958	27.722	8.706
1683.0	4.300	34.956	27.719	8.668	1733.0	4.291	34.957	27.721	8.685	1793.0	4.284	34.958	27.723	8.709
1684.0	4.299	34.956	27.719	8.669	1734.0	4.291	34.957	27.721	8.685	1794.0	4.284	34.958	27.723	8.707
1685.0	4.297	34.956	27.720	8.668	1735.0	4.290	34.957	27.721	8.684	1795.0	4.284	34.958	27.723	8.709
1686.0	4.297	34.956	27.720	8.669	1736.0	4.291	34.956	27.720	8.685	1800.0	4.283	34.959	27.723	8.709
1687.0	4.297	34.956	27.720	8.669	1737.0	4.289	34.957	27.721	8.686	1801.0	4.284	34.957	27.722	8.710
1688.0	4.297	34.957	27.720	8.669	1738.0	4.289	34.958	27.722	8.687	1802.0	4.283	34.958	27.723	8.711
1689.0	4.297	34.957	27.720	8.668	1739.0	4.289	34.957	27.721	8.687	1803.0	4.283	34.958	27.723	8.710
1690.0	4.297	34.957	27.720	8.669	1740.0	4.285	34.962	27.726	8.686	1804.0	4.283	34.958	27.723	8.710
1691.0	4.297	34.957	27.720	8.672	1741.0	4.290	34.957	27.721	8.685	1805.0	4.284	34.958	27.722	8.711
1692.0	4.297	34.956	27.720	8.671	1742.0	4.290	34.957	27.721	8.689	1806.0	4.285	34.958	27.723	8.711
1693.0	4.297	34.956	27.720	8.673	1743.0	4.290	34.957	27.721	8.687	1807.0	4.283	34.958	27.723	8.711
1694.0	4.297	34.957	27.720	8.669	1744.0	4.289	34.957	27.721	8.687	1808.0	4.283	34.958	27.722	8.711
1695.0	4.296	34.957	27.721	8.671	1745.0	4.289	34.957	27.722	8.688	1809.0	4.283	34.958	27.723	8.715
1696.0	4.297	34.957	27.720	8.672	1746.0	4.289	34.957	27.722	8.688	1810.0	4.283	34.958	27.723	8.714
1697.0	4.297	34.957	27.720	8.672	1747.0	4.289	34.957	27.722	8.689	1811.0	4.283	34.957	27.722	8.713
1698.0	4.297	34.956	27.720	8.672	1748.0	4.288	34.957	27.722	8.688	1812.0	4.282	34.959	27.723	8.715
1699.0	4.297	34.957	27.720	8.672	1749.0	4.288	34.958	27.722	8.690	1813.0	4.283	34.958	27.723	8.716
1700.0	4.297	34.957	27.720	8.672	1750.0	4.288	34.957	27.722	8.689	1814.0	4.283	34.958	27.723	8.716
1701.0	4.297	34.956	27.720	8.673	1751.0	4.288	34.958	27.722	8.690	1815.0	4.283	34.958	27.723	8.715
1702.0	4.296	34.957	27.720	8.673	1752.0	4.288	34.958	27.722	8.690	1816.0	4.283	34.958	27.723	8.717
1703.0	4.296	34.957	27.720	8.673	1753.0	4.288	34.958	27.722	8.690	1817.0	4.283	34.958	27.723	8.718
1704.0	4.296	34.957	27.721	8.674	1754.0	4.288	34.958	27.722	8.691	1818.0	4.283	34.958	27.723	8.717
1705.0	4.295	34.957	27.721	8.676	1755.0	4.288	34.957	27.722	8.691	1819.0	4.282	34.958	27.723	8.718
1706.0	4.296	34.957	27.721	8.676	1756.0	4.288	34.957	27.722	8.690	1820.0	4.282	34.958	27.723	8.718
1707.0	4.296	34.957	27.721	8.676	1757.0	4.288	34.957	27.722	8.691	1821.0	4.282	34.958	27.723	8.720
1708.0	4.295	34.957	27.720	8.677	1758.0	4.288	34.958	27.722	8.691	1822.0	4.282	34.958	27.723	8.720

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
1823.0	4.281	34.959	27.723	8.719	1873.0	4.278	34.958	27.723	8.746	1923.0	4.275	34.959	27.725	8.770
1824.0	4.281	34.958	27.723	8.721	1874.0	4.277	34.959	27.724	8.746	1924.0	4.275	34.959	27.725	8.770
1825.0	4.281	34.958	27.723	8.721	1875.0	4.277	34.959	27.724	8.746	1925.0	4.275	34.959	27.725	8.769
1826.0	4.281	34.958	27.723	8.722	1876.0	4.277	34.959	27.724	8.747	1926.0	4.275	34.959	27.725	8.767
1827.0	4.281	34.958	27.723	8.721	1877.0	4.277	34.959	27.724	8.747	1927.0	4.275	34.960	27.725	8.771
1828.0	4.281	34.958	27.723	8.722	1878.0	4.277	34.959	27.724	8.748	1928.0	4.274	34.960	27.725	8.772
1829.0	4.281	34.958	27.723	8.722	1879.0	4.277	34.959	27.724	8.746	1929.0	4.274	34.959	27.725	8.774
1830.0	4.280	34.958	27.723	8.722	1880.0	4.277	34.959	27.724	8.749	1930.0	4.274	34.959	27.725	8.771
1831.0	4.280	34.958	27.723	8.723	1881.0	4.277	34.959	27.724	8.750	1931.0	4.274	34.960	27.725	8.773
1832.0	4.279	34.959	27.724	8.725	1882.0	4.277	34.959	27.724	8.749	1932.0	4.274	34.960	27.725	8.774
1833.0	4.280	34.958	27.723	8.725	1883.0	4.277	34.959	27.724	8.749	1933.0	4.274	34.960	27.725	8.774
1834.0	4.279	34.959	27.724	8.727	1884.0	4.277	34.959	27.724	8.751	1934.0	4.274	34.960	27.725	8.775
1835.0	4.279	34.959	27.724	8.727	1885.0	4.277	34.959	27.724	8.751	1935.0	4.274	34.959	27.725	8.771
1836.0	4.279	34.959	27.724	8.726	1886.0	4.276	34.959	27.724	8.752	1936.0	4.274	34.959	27.725	8.774
1837.0	4.279	34.958	27.723	8.727	1887.0	4.276	34.959	27.725	8.752	1937.0	4.273	34.960	27.726	8.777
1838.0	4.279	34.958	27.723	8.729	1888.0	4.276	34.959	27.725	8.752	1938.0	4.274	34.960	27.725	8.777
1839.0	4.279	34.959	27.724	8.729	1889.0	4.276	34.959	27.725	8.753	1939.0	4.274	34.959	27.725	8.777
1840.0	4.279	34.959	27.724	8.730	1890.0	4.275	34.959	27.725	8.754	1940.0	4.273	34.960	27.726	8.778
1841.0	4.279	34.959	27.724	8.729	1891.0	4.276	34.959	27.725	8.754	1941.0	4.274	34.959	27.725	8.779
1842.0	4.279	34.959	27.724	8.729	1892.0	4.276	34.959	27.725	8.756	1942.0	4.274	34.959	27.725	8.780
1843.0	4.278	34.959	27.724	8.731	1893.0	4.275	34.959	27.725	8.755	1943.0	4.273	34.960	27.725	8.779
1844.0	4.278	34.959	27.724	8.731	1894.0	4.276	34.959	27.725	8.756	1944.0	4.274	34.959	27.725	8.781
1845.0	4.278	34.959	27.724	8.732	1895.0	4.276	34.959	27.725	8.756	1945.0	4.273	34.960	27.725	8.780
1846.0	4.278	34.959	27.724	8.731	1896.0	4.275	34.960	27.725	8.757	1946.0	4.273	34.959	27.725	8.780
1847.0	4.278	34.959	27.724	8.731	1897.0	4.276	34.959	27.725	8.758	1947.0	4.273	34.959	27.725	8.781
1848.0	4.278	34.959	27.724	8.730	1898.0	4.276	34.959	27.724	8.758	1948.0	4.273	34.960	27.726	8.781
1849.0	4.278	34.959	27.724	8.733	1899.0	4.276	34.959	27.725	8.758	1949.0	4.273	34.959	27.725	8.783
1850.0	4.278	34.958	27.723	8.733	1900.0	4.276	34.959	27.724	8.757	1950.0	4.273	34.960	27.725	8.783
1851.0	4.277	34.959	27.725	8.735	1901.0	4.276	34.959	27.725	8.760	1951.0	4.273	34.959	27.725	8.784
1852.0	4.278	34.958	27.723	8.736	1902.0	4.276	34.959	27.725	8.759	1952.0	4.273	34.959	27.725	8.784
1853.0	4.278	34.959	27.724	8.736	1903.0	4.276	34.959	27.724	8.758	1953.0	4.272	34.960	27.726	8.785
1854.0	4.278	34.958	27.723	8.736	1904.0	4.276	34.959	27.725	8.759	1954.0	4.272	34.960	27.726	8.785
1855.0	4.277	34.959	27.724	8.735	1905.0	4.276	34.959	27.725	8.761	1955.0	4.272	34.959	27.725	8.785
1856.0	4.277	34.958	27.724	8.738	1906.0	4.276	34.959	27.724	8.761	1956.0	4.272	34.960	27.725	8.787
1857.0	4.276	34.959	27.725	8.736	1907.0	4.276	34.959	27.724	8.761	1957.0	4.272	34.959	27.725	8.788
1858.0	4.277	34.959	27.724	8.738	1908.0	4.276	34.959	27.724	8.762	1958.0	4.272	34.960	27.725	8.787
1859.0	4.277	34.958	27.724	8.738	1909.0	4.276	34.959	27.724	8.762	1959.0	4.272	34.960	27.725	8.789
1860.0	4.276	34.959	27.725	8.739	1910.0	4.276	34.959	27.724	8.764	1960.0	4.272	34.960	27.726	8.788
1861.0	4.278	34.958	27.723	8.739	1911.0	4.276	34.959	27.725	8.765	1961.0	4.272	34.960	27.725	8.788
1862.0	4.276	34.959	27.725	8.739	1912.0	4.276	34.959	27.724	8.765	1962.0	4.272	34.960	27.725	8.789
1863.0	4.277	34.959	27.724	8.742	1913.0	4.275	34.960	27.725	8.765	1963.0	4.272	34.960	27.725	8.789
1864.0	4.277	34.959	27.724	8.740	1914.0	4.276	34.959	27.725	8.767	1964.0	4.272	34.960	27.725	8.789
1865.0	4.277	34.959	27.724	8.740	1915.0	4.276	34.960	27.725	8.765	1965.0	4.272	34.960	27.726	8.787
1866.0	4.277	34.959	27.725	8.743	1916.0	4.276	34.959	27.724	8.767	1966.0	4.271	34.960	27.726	8.790
1867.0	4.278	34.958	27.724	8.742	1917.0	4.276	34.959	27.725	8.766	1967.0	4.271	34.960	27.726	8.789
1868.0	4.277	34.959	27.724	8.742	1918.0	4.276	34.959	27.725	8.768	1968.0	4.271	34.960	27.726	8.792
1869.0	4.277	34.959	27.724	8.744	1919.0	4.276	34.959	27.725	8.766	1969.0	4.271	34.960	27.726	8.793
1870.0	4.277	34.959	27.725	8.744	1920.0	4.275	34.960	27.725	8.767	1970.0	4.272	34.959	27.725	8.793
1871.0	4.277	34.959	27.724	8.746	1921.0	4.275	34.959	27.725	8.768	1971.0	4.272	34.960	27.725	8.794
1872.0	4.278	34.958	27.724	8.744	1922.0	4.275	34.960	27.725	8.768	1972.0	4.271	34.960	27.726	8.795

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

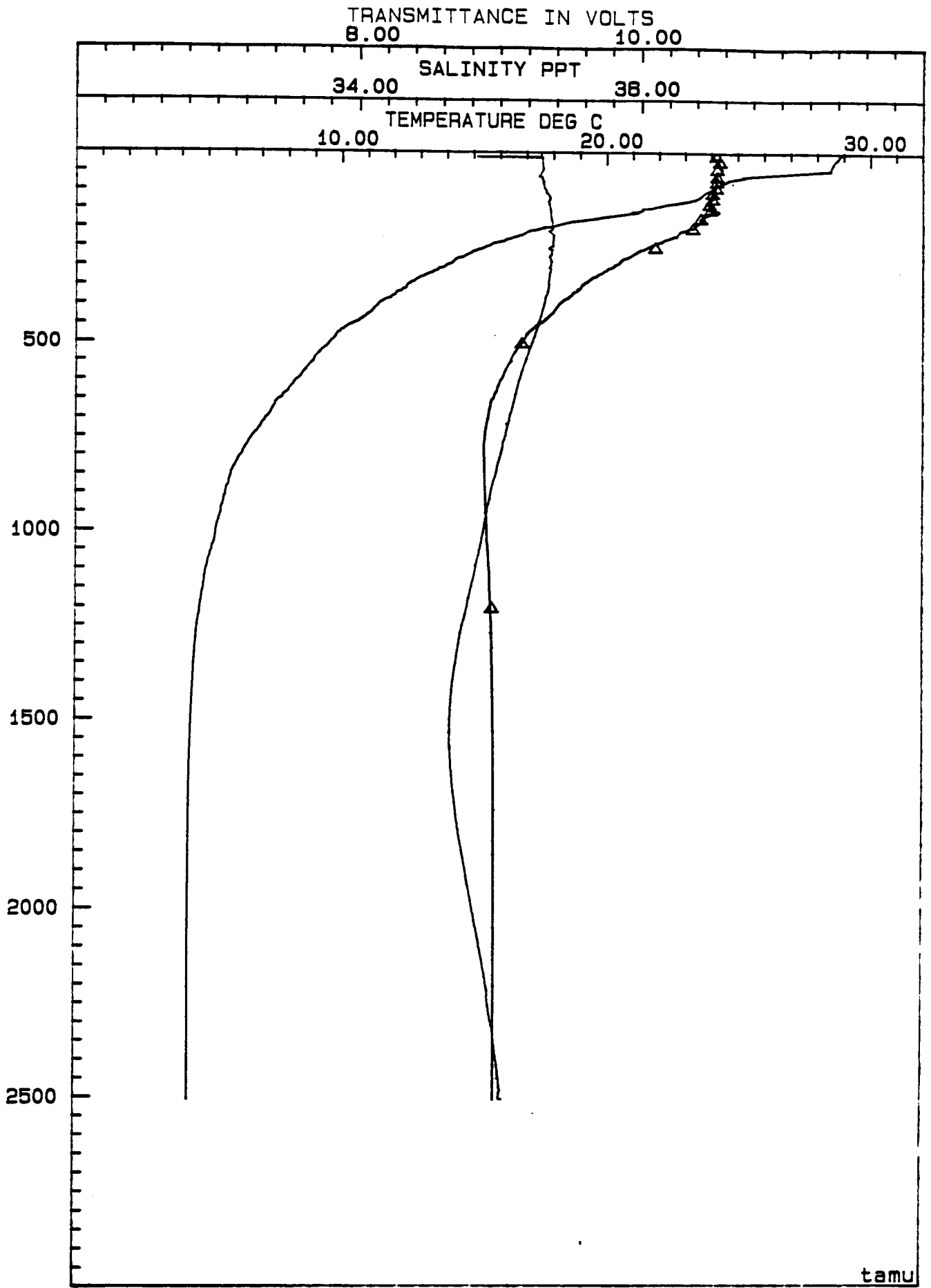
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1973.0	4.271	34.960	27.726	8.796	2027.0	4.269	34.960	27.726	8.820	2077.0	4.267	34.961	27.727	8.849
1974.0	4.272	34.959	27.725	8.794	2028.0	4.268	34.960	27.726	8.823	2078.0	4.268	34.961	27.727	8.848
1975.0	4.272	34.960	27.725	8.796	2029.0	4.268	34.960	27.726	8.824	2079.0	4.268	34.961	27.727	8.848
1976.0	4.272	34.960	27.725	8.796	2030.0	4.269	34.960	27.726	8.824	2080.0	4.268	34.960	27.726	8.848
1977.0	4.272	34.960	27.725	8.796	2031.0	4.268	34.961	27.727	8.824	2081.0	4.267	34.961	27.727	8.849
1978.0	4.272	34.960	27.725	8.796	2032.0	4.268	34.960	27.726	8.823	2082.0	4.267	34.961	27.727	8.852
1979.0	4.272	34.960	27.726	8.798	2033.0	4.268	34.961	27.727	8.825	2083.0	4.267	34.961	27.727	8.850
1980.0	4.271	34.960	27.725	8.800	2034.0	4.268	34.960	27.726	8.823	2084.0	4.268	34.960	27.727	8.851
1981.0	4.271	34.961	27.726	8.799	2035.0	4.268	34.960	27.726	8.825	2085.0	4.268	34.960	27.726	8.852
1982.0	4.271	34.960	27.726	8.798	2036.0	4.268	34.961	27.727	8.826	2086.0	4.267	34.961	27.727	8.854
1983.0	4.272	34.959	27.725	8.799	2037.0	4.269	34.960	27.726	8.827	2087.0	4.267	34.961	27.727	8.854
1984.0	4.272	34.960	27.725	8.800	2038.0	4.269	34.960	27.726	8.828	2088.0	4.267	34.961	27.727	8.856
1985.0	4.271	34.960	27.726	8.799	2039.0	4.269	34.960	27.726	8.828	2089.0	4.267	34.961	27.727	8.855
1986.0	4.271	34.960	27.726	8.801	2040.0	4.269	34.960	27.726	8.829	2090.0	4.268	34.961	27.727	8.854
1987.0	4.271	34.960	27.726	8.801	2041.0	4.269	34.960	27.726	8.829	2091.0	4.268	34.961	27.727	8.853
1988.0	4.271	34.961	27.726	8.801	2042.0	4.269	34.960	27.726	8.829	2092.0	4.268	34.961	27.727	8.854
1989.0	4.272	34.960	27.726	8.802	2043.0	4.269	34.960	27.726	8.828	2093.0	4.268	34.961	27.727	8.856
1990.0	4.271	34.960	27.726	8.802	2044.0	4.268	34.961	27.727	8.830	2094.0	4.268	34.960	27.726	8.858
1991.0	4.270	34.960	27.726	8.801	2045.0	4.269	34.960	27.726	8.829	2095.0	4.268	34.960	27.726	8.858
1992.0	4.270	34.961	27.726	8.802	2046.0	4.269	34.960	27.726	8.829	2096.0	4.268	34.961	27.727	8.858
1993.0	4.270	34.960	27.726	8.802	2047.0	4.268	34.961	27.727	8.831	2097.0	4.268	34.961	27.727	8.857
1994.0	4.270	34.960	27.726	8.804	2048.0	4.269	34.960	27.726	8.834	2098.0	4.268	34.961	27.727	8.857
1995.0	4.271	34.960	27.726	8.804	2049.0	4.269	34.960	27.726	8.832	2099.0	4.268	34.961	27.727	8.857
1996.0	4.270	34.960	27.726	8.805	2050.0	4.268	34.960	27.726	8.834	2100.0	4.269	34.960	27.726	8.857
1997.0	4.270	34.960	27.726	8.806	2051.0	4.269	34.960	27.726	8.834	2101.0	4.268	34.961	27.727	8.859
1998.0	4.271	34.960	27.726	8.805	2052.0	4.268	34.961	27.727	8.836	2102.0	4.268	34.961	27.727	8.858
1999.0	4.270	34.960	27.726	8.806	2053.0	4.269	34.961	27.727	8.835	2103.0	4.268	34.961	27.727	8.861
2000.0	4.270	34.960	27.726	8.807	2054.0	4.269	34.960	27.726	8.837	2104.0	4.268	34.961	27.727	8.862
2001.0	4.271	34.959	27.725	8.808	2055.0	4.268	34.961	27.727	8.836	2105.0	4.268	34.961	27.727	8.861
2002.0	4.270	34.960	27.726	8.807	2056.0	4.268	34.961	27.727	8.837	2106.0	4.269	34.960	27.726	8.861
2003.0	4.271	34.959	27.725	8.808	2057.0	4.268	34.960	27.726	8.837	2107.0	4.268	34.961	27.727	8.862
2004.0	4.270	34.960	27.726	8.808	2058.0	4.268	34.960	27.726	8.838	2108.0	4.268	34.960	27.726	8.863
2005.0	4.271	34.960	27.725	8.808	2059.0	4.267	34.961	27.727	8.839	2109.0	4.268	34.961	27.727	8.863
2006.0	4.271	34.960	27.726	8.809	2060.0	4.268	34.961	27.727	8.838	2110.0	4.268	34.961	27.727	8.865
2007.0	4.270	34.960	27.726	8.809	2061.0	4.268	34.960	27.726	8.839	2111.0	4.268	34.960	27.726	8.865
2008.0	4.270	34.960	27.726	8.809	2062.0	4.268	34.961	27.727	8.841	2112.0	4.268	34.960	27.726	8.865
2009.0	4.270	34.961	27.726	8.811	2063.0	4.268	34.961	27.727	8.840	2113.0	4.268	34.961	27.727	8.866
2010.0	4.270	34.960	27.726	8.812	2064.0	4.268	34.961	27.727	8.841	2114.0	4.268	34.960	27.726	8.865
2011.0	4.269	34.961	27.727	8.813	2065.0	4.267	34.961	27.727	8.843	2115.0	4.268	34.961	27.727	8.867
2012.0	4.270	34.960	27.726	8.815	2066.0	4.267	34.961	27.727	8.842	2116.0	4.268	34.961	27.727	8.866
2013.0	4.270	34.960	27.726	8.815	2067.0	4.267	34.961	27.727	8.845	2117.0	4.268	34.961	27.727	8.868
2014.0	4.269	34.960	27.726	8.815	2068.0	4.267	34.961	27.727	8.843	2118.0	4.268	34.961	27.727	8.867
2015.0	4.270	34.960	27.726	8.817	2069.0	4.267	34.960	27.727	8.845	2119.0	4.268	34.961	27.727	8.869
2016.0	4.270	34.960	27.726	8.816	2070.0	4.268	34.960	27.726	8.844	2120.0	4.269	34.960	27.726	8.868
2017.0	4.269	34.960	27.726	8.815	2071.0	4.267	34.961	27.727	8.843	2121.0	4.269	34.960	27.726	8.868
2018.0	4.269	34.960	27.726	8.816	2072.0	4.267	34.961	27.727	8.845	2122.0	4.268	34.961	27.727	8.869
2019.0	4.270	34.960	27.726	8.817	2073.0	4.267	34.961	27.727	8.844	2123.0	4.269	34.960	27.726	8.870
2020.0	4.269	34.960	27.726	8.817	2074.0	4.268	34.960	27.727	8.847	2124.0	4.268	34.961	27.727	8.871
2021.0	4.269	34.961	27.727	8.820	2075.0	4.268	34.960	27.726	8.845	2125.0	4.268	34.961	27.727	8.873
2022.0	4.269	34.961	27.727	8.819	2076.0	4.267	34.961	27.727	8.847	2126.0	4.268	34.961	27.727	8.873

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2127.0	4.268	34.961	27.727	8.872	2177.0	4.268	34.961	27.727	8.898	2227.0	4.268	34.962	27.728	8.918
2128.0	4.267	34.961	27.727	8.874	2178.0	4.268	34.961	27.727	8.899	2228.0	4.269	34.961	27.727	8.916
2129.0	4.267	34.961	27.727	8.874	2179.0	4.268	34.961	27.727	8.896	2229.0	4.268	34.962	27.728	8.916
2130.0	4.267	34.961	27.727	8.875	2180.0	4.267	34.962	27.728	8.898	2230.0	4.269	34.962	27.727	8.917
2131.0	4.267	34.961	27.727	8.874	2181.0	4.267	34.961	27.727	8.898	2231.0	4.269	34.961	27.727	8.915
2132.0	4.267	34.961	27.727	8.875	2182.0	4.268	34.961	27.727	8.899	2232.0	4.268	34.962	27.728	8.915
2133.0	4.267	34.961	27.727	8.876	2183.0	4.268	34.961	27.727	8.902	2233.0	4.268	34.962	27.728	8.916
2134.0	4.267	34.961	27.727	8.875	2184.0	4.268	34.961	27.727	8.901	2234.0	4.269	34.962	27.727	8.913
2135.0	4.267	34.961	27.727	8.877	2185.0	4.268	34.961	27.727	8.902	2235.0	4.268	34.962	27.728	8.915
2136.0	4.268	34.960	27.726	8.879	2186.0	4.268	34.961	27.727	8.902	2236.0	4.268	34.962	27.728	8.916
2137.0	4.267	34.961	27.727	8.879	2187.0	4.267	34.962	27.728	8.902	2237.0	4.268	34.962	27.728	8.916
2138.0	4.267	34.960	27.726	8.878	2188.0	4.268	34.961	27.727	8.903	2238.0	4.268	34.962	27.728	8.916
2139.0	4.267	34.961	27.727	8.878	2189.0	4.268	34.961	27.727	8.901	2239.0	4.268	34.962	27.728	8.917
2140.0	4.267	34.961	27.727	8.878	2190.0	4.267	34.962	27.728	8.904	2240.0	4.268	34.962	27.728	8.916
2141.0	4.267	34.961	27.727	8.880	2191.0	4.268	34.961	27.727	8.903	2241.0	4.268	34.962	27.728	8.916
2142.0	4.267	34.961	27.727	8.882	2192.0	4.268	34.961	27.727	8.903	2242.0	4.268	34.962	27.727	8.918
2143.0	4.267	34.961	27.727	8.882	2193.0	4.268	34.961	27.727	8.905	2243.0	4.269	34.961	27.727	8.917
2144.0	4.267	34.961	27.727	8.881	2194.0	4.268	34.961	27.727	8.905	2244.0	4.269	34.961	27.727	8.917
2145.0	4.267	34.961	27.727	8.882	2195.0	4.268	34.961	27.727	8.906	2245.0	4.269	34.962	27.728	8.919
2146.0	4.267	34.961	27.727	8.884	2196.0	4.268	34.961	27.727	8.906	2246.0	4.269	34.961	27.727	8.918
2147.0	4.267	34.961	27.727	8.883	2197.0	4.268	34.962	27.727	8.908	2247.0	4.269	34.962	27.727	8.919
2148.0	4.267	34.961	27.727	8.884	2198.0	4.269	34.961	27.727	8.905	2248.0	4.269	34.962	27.727	8.919
2149.0	4.267	34.961	27.727	8.885	2199.0	4.269	34.961	27.727	8.907	2249.0	4.269	34.962	27.727	8.920
2150.0	4.267	34.961	27.727	8.883	2200.0	4.269	34.961	27.727	8.907	2250.0	4.268	34.962	27.728	8.920
2151.0	4.267	34.961	27.727	8.885	2201.0	4.268	34.961	27.727	8.907	2251.0	4.269	34.962	27.728	8.920
2152.0	4.267	34.960	27.727	8.886	2202.0	4.268	34.961	27.727	8.910	2252.0	4.269	34.962	27.728	8.920
2153.0	4.267	34.961	27.727	8.886	2203.0	4.268	34.962	27.727	8.908	2253.0	4.269	34.962	27.728	8.920
2154.0	4.267	34.961	27.727	8.885	2204.0	4.263	34.967	27.732	8.908	2254.0	4.269	34.961	27.727	8.923
2155.0	4.267	34.961	27.727	8.886	2205.0	4.267	34.962	27.728	8.909	2255.0	4.269	34.962	27.728	8.921
2156.0	4.267	34.961	27.727	8.886	2206.0	4.269	34.962	27.728	8.911	2256.0	4.269	34.962	27.727	8.921
2157.0	4.267	34.961	27.727	8.887	2207.0	4.268	34.962	27.728	8.912	2257.0	4.269	34.962	27.728	8.922
2158.0	4.267	34.961	27.727	8.887	2208.0	4.268	34.961	27.727	8.912	2258.0	4.269	34.962	27.727	8.922
2159.0	4.267	34.961	27.727	8.887	2209.0	4.268	34.961	27.727	8.912	2259.0	4.269	34.962	27.728	8.920
2160.0	4.267	34.961	27.727	8.888	2210.0	4.268	34.961	27.727	8.910	2260.0	4.269	34.962	27.727	8.923
2161.0	4.267	34.961	27.727	8.890	2211.0	4.268	34.962	27.727	8.913	2261.0	4.269	34.962	27.728	8.924
2162.0	4.267	34.961	27.727	8.890	2212.0	4.268	34.962	27.727	8.913	2262.0	4.269	34.962	27.727	8.924
2163.0	4.267	34.961	27.727	8.890	2213.0	4.268	34.962	27.728	8.912	2263.0	4.269	34.963	27.728	8.926
2164.0	4.267	34.961	27.727	8.890	2214.0	4.269	34.962	27.727	8.916	2264.0	4.270	34.961	27.727	8.924
2165.0	4.267	34.961	27.727	8.892	2215.0	4.269	34.962	27.727	8.915	2265.0	4.269	34.962	27.727	8.927
2166.0	4.267	34.962	27.728	8.893	2216.0	4.269	34.962	27.727	8.914	2266.0	4.270	34.962	27.727	8.926
2167.0	4.267	34.961	27.727	8.893	2217.0	4.269	34.961	27.727	8.916	2267.0	4.269	34.962	27.728	8.926
2168.0	4.267	34.962	27.728	8.894	2218.0	4.268	34.962	27.728	8.914	2268.0	4.270	34.962	27.727	8.927
2169.0	4.267	34.962	27.728	8.896	2219.0	4.269	34.961	27.727	8.915	2269.0	4.269	34.962	27.728	8.927
2170.0	4.268	34.961	27.727	8.895	2220.0	4.268	34.962	27.727	8.916	2270.0	4.269	34.962	27.728	8.927
2171.0	4.268	34.961	27.727	8.895	2221.0	4.268	34.962	27.727	8.916	2271.0	4.270	34.962	27.727	8.926
2172.0	4.267	34.962	27.728	8.897	2222.0	4.268	34.962	27.728	8.916	2272.0	4.269	34.962	27.728	8.927
2173.0	4.267	34.962	27.728	8.896	2223.0	4.269	34.961	27.727	8.915	2273.0	4.269	34.962	27.727	8.928
2174.0	4.267	34.962	27.728	8.897	2224.0	4.268	34.962	27.728	8.913	2274.0	4.269	34.962	27.728	8.929
2175.0	4.267	34.960	27.726	8.897	2225.0	4.268	34.962	27.728	8.916	2275.0	4.269	34.962	27.727	8.931
2176.0	4.267	34.962	27.728	8.899	2226.0	4.269	34.962	27.728	8.917	2276.0	4.269	34.962	27.727	8.931

STATION SB011A.PLT:: CRUISE 90G15 DATE & TIME Sun Oct 14 23:16:47 1990, Julian day = 287
 LAT 25 29.743 LON 89 18.35 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2277.0	4.269	34.962	27.728	8.931	2327.0	4.271	34.961	27.727	8.957	2377.0	4.272	34.962	27.728	8.976
2278.0	4.269	34.962	27.728	8.931	2328.0	4.271	34.961	27.727	8.957	2378.0	4.272	34.963	27.728	8.973
2279.0	4.270	34.961	27.727	8.931	2329.0	4.271	34.962	27.727	8.959	2379.0	4.273	34.962	27.727	8.976
2280.0	4.270	34.962	27.727	8.933	2330.0	4.271	34.962	27.728	8.958	2380.0	4.273	34.962	27.727	8.975
2281.0	4.269	34.963	27.728	8.933	2331.0	4.271	34.962	27.727	8.959	2381.0	4.272	34.963	27.728	8.974
2282.0	4.270	34.962	27.727	8.932	2332.0	4.270	34.963	27.728	8.962	2382.0	4.273	34.963	27.728	8.976
2283.0	4.270	34.962	27.727	8.935	2333.0	4.270	34.962	27.728	8.960	2383.0	4.273	34.962	27.727	8.976
2284.0	4.270	34.962	27.728	8.935	2334.0	4.271	34.962	27.727	8.962	2384.0	4.272	34.963	27.728	8.977
2285.0	4.271	34.961	27.727	8.936	2335.0	4.270	34.963	27.728	8.961	2385.0	4.272	34.963	27.728	8.977
2286.0	4.271	34.961	27.727	8.937	2336.0	4.271	34.962	27.728	8.961	2386.0	4.273	34.962	27.728	8.977
2287.0	4.271	34.962	27.727	8.935	2337.0	4.271	34.962	27.728	8.961	2387.0	4.273	34.962	27.727	8.978
2288.0	4.271	34.962	27.727	8.937	2338.0	4.271	34.962	27.728	8.961	2388.0	4.273	34.963	27.728	8.980
2289.0	4.270	34.962	27.727	8.939	2339.0	4.271	34.963	27.728	8.961	2389.0	4.273	34.962	27.727	8.978
2290.0	4.271	34.961	27.727	8.937	2340.0	4.271	34.962	27.728	8.963	2390.0	4.273	34.963	27.728	8.978
2291.0	4.271	34.961	27.727	8.936	2341.0	4.272	34.962	27.727	8.962	2391.0	4.273	34.962	27.727	8.981
2292.0	4.271	34.961	27.727	8.937	2342.0	4.271	34.962	27.728	8.961	2392.0	4.273	34.963	27.728	8.980
2293.0	4.270	34.962	27.727	8.936	2343.0	4.271	34.962	27.727	8.962	2393.0	4.273	34.963	27.728	8.981
2294.0	4.271	34.961	27.727	8.938	2344.0	4.271	34.963	27.728	8.963	2394.0	4.274	34.962	27.727	8.981
2295.0	4.271	34.961	27.727	8.938	2345.0	4.271	34.962	27.727	8.961	2395.0	4.273	34.963	27.728	8.980
2296.0	4.270	34.962	27.728	8.942	2346.0	4.271	34.962	27.727	8.962	2396.0	4.273	34.963	27.728	8.980
2297.0	4.271	34.962	27.727	8.941	2347.0	4.271	34.962	27.727	8.963	2397.0	4.273	34.962	27.727	8.982
2298.0	4.270	34.962	27.727	8.941	2348.0	4.271	34.963	27.728	8.962	2398.0	4.273	34.962	27.728	8.981
2299.0	4.271	34.961	27.727	8.943	2349.0	4.271	34.962	27.728	8.965	2399.0	4.273	34.962	27.727	8.981
2300.0	4.270	34.962	27.727	8.944	2350.0	4.270	34.963	27.728	8.963	2400.0	4.273	34.962	27.727	8.983
2301.0	4.270	34.962	27.727	8.945	2351.0	4.271	34.962	27.728	8.966	2401.0	4.273	34.963	27.728	8.984
2302.0	4.271	34.961	27.727	8.944	2352.0	4.271	34.962	27.728	8.965	2402.0	4.273	34.962	27.727	8.983
2303.0	4.270	34.962	27.727	8.945	2353.0	4.271	34.962	27.727	8.965	2403.0	4.273	34.963	27.728	8.985
2304.0	4.271	34.962	27.727	8.946	2354.0	4.271	34.963	27.728	8.965	2404.0	4.273	34.963	27.728	8.983
2305.0	4.271	34.962	27.727	8.947	2355.0	4.271	34.963	27.728	8.965	2405.0	4.273	34.963	27.728	8.983
2306.0	4.271	34.962	27.727	8.946	2356.0	4.271	34.963	27.728	8.966	2406.0	4.273	34.963	27.728	8.985
2307.0	4.271	34.962	27.727	8.946	2357.0	4.271	34.963	27.728	8.966	2407.0	4.274	34.962	27.727	8.986
2308.0	4.271	34.962	27.727	8.946	2358.0	4.271	34.962	27.728	8.966	2408.0	4.274	34.962	27.727	8.987
2309.0	4.271	34.962	27.728	8.946	2359.0	4.271	34.963	27.728	8.967	2409.0	4.273	34.963	27.728	8.986
2310.0	4.271	34.962	27.727	8.950	2360.0	4.272	34.962	27.727	8.968	2410.0	4.274	34.962	27.727	8.986
2311.0	4.271	34.962	27.727	8.950	2361.0	4.271	34.963	27.728	8.969	2411.0	4.274	34.962	27.727	8.987
2312.0	4.271	34.962	27.727	8.952	2362.0	4.271	34.962	27.728	8.970	2412.0	4.273	34.963	27.728	8.986
2313.0	4.271	34.962	27.727	8.950	2363.0	4.271	34.963	27.728	8.969	2413.0	4.274	34.962	27.727	8.989
2314.0	4.270	34.963	27.728	8.952	2364.0	4.272	34.962	27.727	8.969	2414.0	4.274	34.962	27.727	8.985
2315.0	4.271	34.962	27.728	8.955	2365.0	4.271	34.963	27.728	8.970	2415.0	4.274	34.962	27.727	8.989
2316.0	4.270	34.962	27.728	8.954	2366.0	4.272	34.962	27.728	8.971	2416.0	4.274	34.963	27.728	8.988
2317.0	4.270	34.962	27.728	8.954	2367.0	4.271	34.963	27.728	8.971	2417.0	4.274	34.963	27.728	8.989
2318.0	4.270	34.962	27.728	8.955	2368.0	4.272	34.963	27.728	8.972	2418.0	4.274	34.962	27.727	8.988
2319.0	4.270	34.962	27.728	8.954	2369.0	4.272	34.962	27.727	8.971	2419.0	4.274	34.962	27.727	8.990
2320.0	4.270	34.962	27.728	8.955	2370.0	4.272	34.962	27.728	8.971	2420.0	4.274	34.963	27.727	8.988
2321.0	4.271	34.962	27.727	8.956	2371.0	4.272	34.962	27.728	8.971	2421.0	4.274	34.963	27.728	8.990
2322.0	4.270	34.962	27.727	8.955	2372.0	4.272	34.963	27.728	8.972	2422.0	4.275	34.962	27.727	8.990
2323.0	4.270	34.962	27.728	8.956	2373.0	4.272	34.963	27.728	8.972	2423.0	4.274	34.963	27.727	8.989
2324.0	4.271	34.962	27.727	8.958	2374.0	4.272	34.962	27.728	8.972	2424.0	4.275	34.963	27.727	8.991
2325.0	4.270	34.962	27.728	8.957	2375.0	4.272	34.962	27.728	8.973	2425.0	4.274	34.963	27.728	8.992
2326.0	4.271	34.962	27.727	8.958	2376.0	4.272	34.963	27.728	8.974	2426.0	4.274	34.963	27.728	8.993

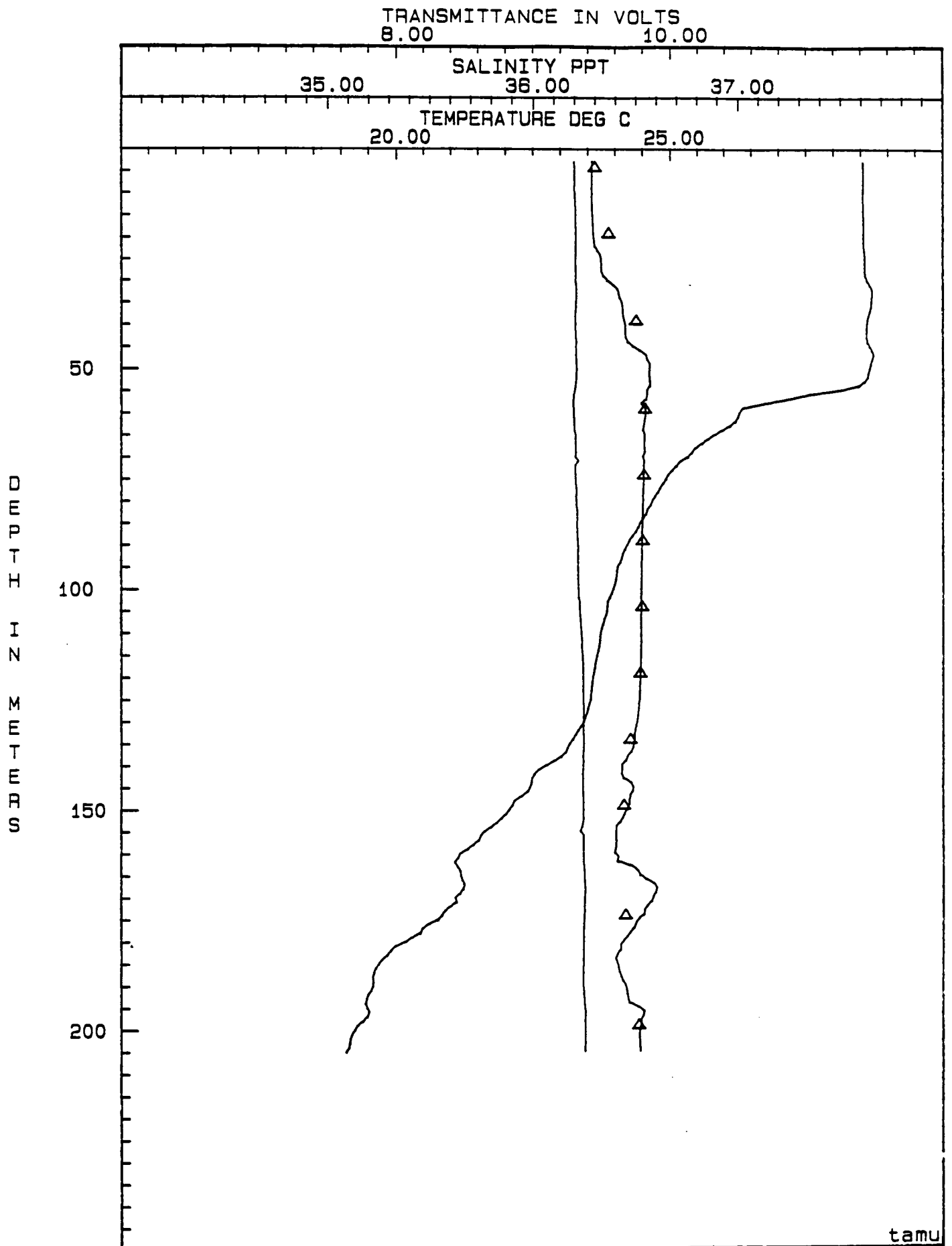


tamu

CRUISE: 90G15 STATION: SB011A.P DATE: Oct 14 23:16:47 1990
 LATITUDE: 25 29.743 LONGITUDE: 89 18.35 W
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB013.PLT::C CRUISE 90G15 DATE & TIME Mon Oct 15 05:59:43 1990. Julian day = 289
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	28.524	36.286	23.191	9.295	53.0	28.564	36.567	23.389	9.309	103.0	23.842	36.524	24.844	9.333
4.0	28.528	36.285	23.189	9.300	54.0	28.451	36.568	23.428	9.306	104.0	23.835	36.524	24.847	9.334
5.0	28.530	36.285	23.189	9.299	55.0	28.119	36.553	23.526	9.301	105.0	23.829	36.524	24.848	9.335
6.0	28.529	36.285	23.189	9.298	56.0	27.560	36.552	23.709	9.293	106.0	23.811	36.522	24.852	9.336
7.0	28.528	36.285	23.189	9.298	57.0	27.173	36.549	23.831	9.290	107.0	23.779	36.522	24.862	9.340
8.0	28.523	36.284	23.190	9.299	58.0	26.729	36.524	23.955	9.287	108.0	23.756	36.522	24.868	9.341
9.0	28.525	36.284	23.190	9.296	59.0	26.329	36.545	24.098	9.291	109.0	23.732	36.522	24.876	9.343
10.0	28.522	36.284	23.191	9.301	60.0	26.268	36.546	24.118	9.292	110.0	23.712	36.522	24.882	9.345
11.0	28.520	36.284	23.191	9.302	61.0	26.245	36.544	24.123	9.293	111.0	23.699	36.522	24.886	9.347
12.0	28.522	36.284	23.191	9.305	62.0	26.198	36.540	24.135	9.295	112.0	23.693	36.522	24.887	9.350
13.0	28.529	36.285	23.189	9.305	63.0	26.098	36.536	24.164	9.296	113.0	23.684	36.521	24.889	9.347
14.0	28.528	36.285	23.189	9.307	64.0	25.952	36.532	24.207	9.296	114.0	23.665	36.521	24.895	9.350
15.0	28.530	36.286	23.189	9.307	65.0	25.810	36.540	24.258	9.306	115.0	23.648	36.521	24.900	9.353
16.0	28.534	36.289	23.190	9.307	66.0	25.696	36.540	24.293	9.305	116.0	23.627	36.520	24.905	9.354
17.0	28.535	36.289	23.190	9.307	67.0	25.580	36.538	24.327	9.306	117.0	23.611	36.521	24.910	9.356
18.0	28.537	36.291	23.191	9.309	68.0	25.458	36.539	24.366	9.306	118.0	23.601	36.519	24.912	9.356
19.0	28.536	36.290	23.191	9.308	69.0	25.396	36.541	24.386	9.307	119.0	23.585	36.518	24.916	9.356
20.0	28.538	36.292	23.192	9.309	70.0	25.318	36.532	24.404	9.304	120.0	23.570	36.518	24.920	9.357
21.0	28.540	36.296	23.193	9.308	71.0	25.179	36.537	24.451	9.323	121.0	23.560	36.517	24.923	9.357
22.0	28.540	36.297	23.194	9.308	72.0	25.111	36.535	24.470	9.303	122.0	23.551	36.516	24.924	9.356
23.0	28.549	36.310	23.201	9.308	73.0	25.034	36.535	24.493	9.303	123.0	23.542	36.516	24.927	9.357
24.0	28.557	36.324	23.209	9.308	74.0	24.959	36.535	24.516	9.305	124.0	23.531	36.515	24.930	9.358
25.0	28.562	36.329	23.212	9.306	75.0	24.916	36.536	24.530	9.306	125.0	23.528	36.515	24.930	9.359
26.0	28.562	36.330	23.212	9.307	76.0	24.866	36.535	24.544	9.306	126.0	23.504	36.511	24.934	9.361
27.0	28.563	36.330	23.212	9.307	77.0	24.807	36.534	24.562	9.310	127.0	23.482	36.511	24.941	9.362
28.0	28.563	36.330	23.212	9.303	78.0	24.766	36.534	24.574	9.312	128.0	23.467	36.509	24.944	9.362
29.0	28.571	36.338	23.215	9.308	79.0	24.709	36.531	24.589	9.308	129.0	23.435	36.506	24.951	9.362
30.0	28.603	36.357	23.218	9.306	80.0	24.659	36.533	24.606	9.312	130.0	23.411	36.504	24.957	9.361
31.0	28.645	36.384	23.225	9.311	81.0	24.630	36.531	24.613	9.310	131.0	23.366	36.500	24.966	9.362
32.0	28.693	36.409	23.227	9.311	82.0	24.569	36.531	24.631	9.316	132.0	23.308	36.495	24.980	9.361
33.0	28.697	36.414	23.230	9.312	83.0	24.547	36.531	24.638	9.317	133.0	23.260	36.491	24.991	9.363
34.0	28.684	36.419	23.238	9.312	84.0	24.493	36.529	24.653	9.317	134.0	23.207	36.492	25.007	9.363
35.0	28.680	36.428	23.247	9.308	85.0	24.437	36.530	24.671	9.315	135.0	23.152	36.487	25.020	9.363
36.0	28.678	36.433	23.251	9.308	86.0	24.403	36.529	24.681	9.317	136.0	23.110	36.484	25.029	9.362
37.0	28.656	36.435	23.259	9.306	87.0	24.359	36.527	24.692	9.317	137.0	23.080	36.475	25.031	9.360
38.0	28.630	36.436	23.269	9.304	88.0	24.299	36.527	24.710	9.318	138.0	22.999	36.457	25.042	9.356
39.0	28.609	36.441	23.279	9.306	89.0	24.242	36.527	24.727	9.320	139.0	22.869	36.449	25.073	9.360
40.0	28.602	36.445	23.285	9.305	90.0	24.202	36.528	24.740	9.321	140.0	22.727	36.429	25.099	9.357
41.0	28.597	36.446	23.287	9.304	91.0	24.163	36.526	24.750	9.323	141.0	22.590	36.430	25.138	9.356
42.0	28.596	36.447	23.288	9.303	92.0	24.120	36.527	24.764	9.321	142.0	22.511	36.427	25.159	9.354
43.0	28.599	36.449	23.289	9.308	93.0	24.104	36.527	24.769	9.322	143.0	22.460	36.436	25.181	9.356
44.0	28.611	36.458	23.292	9.312	94.0	24.075	36.524	24.775	9.322	144.0	22.455	36.474	25.210	9.356
45.0	28.652	36.482	23.297	9.309	95.0	24.025	36.525	24.791	9.321	145.0	22.426	36.484	25.227	9.356
46.0	28.691	36.516	23.309	9.310	96.0	24.011	36.526	24.796	9.323	146.0	22.388	36.482	25.236	9.356
47.0	28.722	36.548	23.323	9.309	97.0	24.007	36.525	24.796	9.322	147.0	22.276	36.469	25.252	9.358
48.0	28.699	36.553	23.334	9.312	98.0	23.990	36.524	24.800	9.323	148.0	22.150	36.466	25.292	9.359
49.0	28.675	36.566	23.352	9.313	99.0	23.975	36.524	24.805	9.324	149.0	22.110	36.465	25.302	9.359
50.0	28.653	36.565	23.353	9.315	100.0	23.947	36.524	24.813	9.326	150.0	22.054	36.455	25.310	9.360
51.0	28.631	36.564	23.365	9.312	101.0	23.920	36.523	24.821	9.327	151.0	21.998	36.443	25.317	9.358
52.0	28.614	36.564	23.370	9.311	102.0	23.881	36.523	24.832	9.326	152.0	21.915	36.433	25.333	9.360



CRUISE: 90G15 STATION: SB013.PL DATE: Oct 15 05: 59: 43 1990
 LATITUDE: 25 40.15 N LONGITUDE: 88 40.12 W
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
2.0	28.501	36.209	23.141	9.294	184.0	19.781	36.416	25.902	9.351	233.0	17.547	36.333	26.406	9.362
3.0	28.506	36.210	23.140	9.293	185.0	19.708	36.407	25.914	9.351	239.0	17.500	36.325	26.411	9.362
4.0	28.506	36.209	23.140	9.295	186.0	19.489	36.412	25.975	9.355	240.0	17.449	36.319	26.420	9.363
5.0	28.504	36.209	23.141	9.297	187.0	19.463	36.414	25.984	9.353	241.0	17.411	36.315	26.426	9.362
6.0	28.507	36.212	23.141	9.297	188.0	19.448	36.417	25.990	9.355	242.0	17.373	36.308	26.430	9.363
7.0	28.512	36.213	23.141	9.295	189.0	19.437	36.440	26.011	9.357	243.0	17.308	36.299	26.433	9.363
8.0	28.504	36.209	23.140	9.295	190.0	19.411	36.443	26.019	9.362	244.0	17.235	36.297	26.455	9.361
9.0	28.507	36.211	23.141	9.297	191.0	19.373	36.448	26.033	9.361	245.0	17.253	36.296	26.450	9.361
10.0	28.501	36.209	23.141	9.299	192.0	19.338	36.453	26.046	9.366	246.0	17.242	36.304	26.458	9.364
11.0	28.499	36.208	23.141	9.298	193.0	19.335	36.462	26.053	9.366	247.0	17.221	36.303	26.463	9.365
12.0	28.499	36.208	23.141	9.301	194.0	19.348	36.493	26.073	9.368	248.0	17.174	36.299	26.471	9.365
13.0	28.504	36.211	23.142	9.302	195.0	19.347	36.520	26.095	9.372	249.0	17.138	36.295	26.476	9.366
14.0	28.511	36.214	23.142	9.305	196.0	19.364	36.534	26.102	9.372	250.0	17.088	36.290	26.484	9.365
15.0	28.511	36.214	23.141	9.303	197.0	19.297	36.538	26.121	9.370	251.0	17.048	36.283	26.489	9.366
16.0	28.518	36.219	23.143	9.305	198.0	19.248	36.544	26.139	9.373	252.0	17.008	36.278	26.495	9.366
19.0	28.669	36.328	23.174	9.307	199.0	19.217	36.545	26.147	9.373	253.0	16.955	36.272	26.503	9.365
30.0	28.788	36.391	23.182	9.312	200.0	19.167	36.538	26.155	9.373	254.0	16.910	36.266	26.509	9.366
35.0	29.013	36.551	23.225	9.267	201.0	19.081	36.523	26.167	9.373	255.0	16.884	36.262	26.512	9.366
42.0	28.821	36.538	23.282	9.309	202.0	19.019	36.524	26.183	9.373	256.0	16.856	36.255	26.513	9.367
45.0	28.834	36.519	23.330	9.305	203.0	18.997	36.525	26.189	9.374	257.0	16.797	36.247	26.521	9.365
54.0	27.533	36.517	23.691	9.293	204.0	18.981	36.527	26.195	9.375	258.0	16.764	36.242	26.526	9.363
69.0	24.705	36.555	24.609	9.299	205.0	18.964	36.537	26.207	9.375	259.0	16.706	36.231	26.531	9.356
92.0	24.394	36.528	24.682	9.312	206.0	18.945	36.530	26.207	9.376	260.0	16.649	36.224	26.539	9.352
146.0	22.971	36.485	25.070	9.370	207.0	18.919	36.530	26.213	9.375	261.0	16.631	36.222	26.541	9.348
147.0	22.445	36.400	25.157	9.349	208.0	18.901	36.529	26.217	9.375	262.0	16.595	36.213	26.543	9.344
143.0	22.307	36.411	25.205	9.352	209.0	18.870	36.530	26.226	9.376	263.0	16.532	36.202	26.550	9.342
149.0	22.246	36.412	25.223	9.353	210.0	18.843	36.531	26.234	9.372	264.0	16.483	36.193	26.554	9.343
150.0	22.250	36.453	25.253	9.350	211.0	18.822	36.528	26.237	9.374	265.0	16.426	36.186	26.562	9.345
151.0	22.207	36.471	25.279	9.355	212.0	18.809	36.527	26.239	9.374	266.0	16.388	36.176	26.564	9.345
152.0	22.088	36.481	25.321	9.356	213.0	18.778	36.519	26.241	9.373	267.0	16.311	36.158	26.567	9.349
153.0	22.013	36.476	25.338	9.357	214.0	18.712	36.508	26.249	9.373	268.0	16.175	36.144	26.588	9.353
154.0	21.919	36.443	25.339	9.354	215.0	18.637	36.499	26.261	9.373	269.0	16.106	36.137	26.599	9.355
155.0	21.767	36.420	25.364	9.352	216.0	18.602	36.495	26.267	9.374	270.0	16.055	36.130	26.606	9.357
156.0	21.635	36.399	25.385	9.351	217.0	18.546	36.492	26.279	9.373	271.0	16.026	36.125	26.603	9.356
157.0	21.557	36.395	25.404	9.351	218.0	18.485	36.475	26.282	9.371	272.0	16.001	36.122	26.612	9.356
158.0	21.498	36.398	25.423	9.354	219.0	18.428	36.468	26.291	9.368	273.0	15.986	36.120	26.614	9.356
159.0	21.477	36.405	25.434	9.355	220.0	18.370	36.461	26.300	9.366	274.0	15.969	36.117	26.615	9.358
160.0	21.387	36.399	25.454	9.353	221.0	18.326	36.449	26.302	9.365	275.0	15.957	36.116	26.617	9.357
161.0	21.347	36.394	25.461	9.355	222.0	18.296	36.445	26.307	9.364	276.0	15.923	36.108	26.619	9.359
162.0	21.248	36.408	25.500	9.356	223.0	18.268	36.442	26.311	9.361	277.0	15.882	36.101	26.623	9.359
174.0	20.860	36.591	25.745	9.364	224.0	18.247	36.438	26.313	9.362	278.0	15.826	36.092	26.629	9.360
175.0	21.035	36.612	25.714	9.368	225.0	18.173	36.420	26.317	9.361	279.0	15.796	36.089	26.633	9.361
176.0	20.891	36.569	25.720	9.364	226.0	18.084	36.409	26.332	9.359	280.0	15.734	36.081	26.641	9.360
177.0	20.713	36.543	25.749	9.362	227.0	17.993	36.391	26.341	9.357	281.0	15.696	36.072	26.643	9.361
178.0	20.590	36.510	25.757	9.359	228.0	17.933	36.391	26.350	9.357	282.0	15.629	36.062	26.651	9.362
179.0	20.481	36.496	25.776	9.356	233.0	17.709	36.347	26.377	9.360	283.0	15.591	36.056	26.655	9.362
180.0	20.337	36.479	25.801	9.356	234.0	17.693	36.349	26.384	9.363	284.0	15.559	36.054	26.660	9.360
181.0	20.227	36.450	25.809	9.354	235.0	17.615	36.343	26.397	9.362	285.0	15.525	36.050	26.666	9.363
182.0	20.147	36.433	25.818	9.354	236.0	17.584	36.343	26.405	9.362	286.0	15.479	36.034	26.663	9.367
183.0	19.918	36.415	25.865	9.354	237.0	17.567	36.337	26.405	9.362	287.0	15.431	36.032	26.672	9.366

STATION SB013A.PLT: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 68 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
288.0	15.395	36.027	26.677	9.356	338.0	13.700	35.760	26.839	9.356	388.0	12.133	35.516	26.965	9.333
289.0	15.353	36.022	26.682	9.355	339.0	13.652	35.755	26.844	9.354	389.0	12.101	35.512	26.968	9.334
290.0	15.320	36.019	26.687	9.355	340.0	13.605	35.747	26.849	9.352	390.0	12.076	35.509	26.971	9.331
291.0	15.281	36.012	26.691	9.356	341.0	13.531	35.735	26.855	9.351	391.0	12.047	35.501	26.970	9.331
292.0	15.256	36.007	26.693	9.356	342.0	13.474	35.724	26.858	9.351	392.0	11.970	35.492	26.978	9.331
293.0	15.239	36.007	26.696	9.355	343.0	13.443	35.719	26.860	9.352	393.0	11.941	35.490	26.982	9.332
294.0	15.192	35.990	26.694	9.355	344.0	13.369	35.709	26.867	9.353	394.0	11.916	35.485	26.983	9.332
295.0	15.105	35.980	26.706	9.355	345.0	13.323	35.704	26.874	9.352	395.0	11.895	35.481	26.984	9.331
296.0	15.057	35.976	26.713	9.356	346.0	13.308	35.701	26.874	9.352	396.0	11.869	35.480	26.984	9.330
297.0	15.031	35.970	26.714	9.352	347.0	13.274	35.697	26.878	9.352	397.0	11.888	35.481	26.985	9.329
298.0	14.984	35.961	26.718	9.355	348.0	13.255	35.694	26.880	9.353	398.0	11.870	35.474	26.983	9.329
299.0	14.939	35.957	26.725	9.352	349.0	13.242	35.690	26.879	9.350	399.0	11.844	35.472	26.987	9.327
300.0	14.924	35.957	26.728	9.357	350.0	13.236	35.689	26.880	9.351	400.0	11.808	35.466	26.989	9.328
301.0	14.902	35.950	26.728	9.358	351.0	13.220	35.687	26.881	9.348	401.0	11.795	35.466	26.991	9.328
302.0	14.871	35.949	26.733	9.359	352.0	13.206	35.683	26.881	9.348	402.0	11.776	35.464	26.993	9.328
303.0	14.840	35.946	26.738	9.360	353.0	13.163	35.677	26.885	9.348	403.0	11.748	35.460	26.995	9.326
304.0	14.822	35.942	26.739	9.361	354.0	13.130	35.673	26.889	9.349	404.0	11.734	35.458	26.996	9.327
305.0	14.815	35.940	26.739	9.363	355.0	13.117	35.668	26.888	9.347	405.0	11.704	35.454	26.999	9.324
306.0	14.791	35.939	26.743	9.361	356.0	13.064	35.663	26.894	9.347	406.0	11.685	35.451	27.000	9.323
307.0	14.772	35.931	26.741	9.362	357.0	13.043	35.661	26.897	9.346	407.0	11.663	35.446	27.000	9.323
308.0	14.732	35.925	26.746	9.362	358.0	13.035	35.658	26.897	9.345	408.0	11.637	35.442	27.003	9.321
309.0	14.705	35.921	26.748	9.362	359.0	13.015	35.652	26.896	9.346	409.0	11.614	35.441	27.006	9.321
310.0	14.665	35.914	26.751	9.361	360.0	12.975	35.649	26.901	9.345	410.0	11.602	35.440	27.008	9.320
311.0	14.612	35.911	26.760	9.362	361.0	12.956	35.647	26.904	9.345	411.0	11.577	35.434	27.007	9.321
312.0	14.584	35.904	26.761	9.362	362.0	12.950	35.647	26.905	9.344	412.0	11.555	35.432	27.010	9.320
313.0	14.548	35.898	26.765	9.361	363.0	12.926	35.640	26.905	9.345	413.0	11.538	35.428	27.010	9.321
314.0	14.487	35.889	26.771	9.361	364.0	12.894	35.633	26.906	9.342	414.0	11.507	35.424	27.012	9.318
315.0	14.464	35.836	26.774	9.362	365.0	12.849	35.627	26.910	9.342	415.0	11.476	35.420	27.015	9.318
316.0	14.453	35.883	26.774	9.358	366.0	12.802	35.623	26.916	9.344	416.0	11.449	35.416	27.017	9.317
317.0	14.417	35.879	26.778	9.361	367.0	12.783	35.619	26.917	9.342	417.0	11.417	35.408	27.017	9.316
318.0	14.383	35.872	26.780	9.360	368.0	12.750	35.617	26.922	9.343	418.0	11.379	35.404	27.021	9.317
319.0	14.366	35.869	26.781	9.360	369.0	12.713	35.606	26.921	9.341	419.0	11.355	35.400	27.023	9.316
320.0	14.325	35.860	26.784	9.360	370.0	12.691	35.605	26.924	9.342	420.0	11.340	35.399	27.024	9.316
321.0	14.294	35.860	26.790	9.361	371.0	12.671	35.603	26.927	9.342	421.0	11.316	35.393	27.024	9.315
322.0	14.257	35.851	26.791	9.359	372.0	12.644	35.595	26.926	9.341	422.0	11.285	35.392	27.029	9.314
323.0	14.209	35.840	26.792	9.358	373.0	12.611	35.592	26.930	9.340	423.0	11.275	35.391	27.030	9.312
324.0	14.129	35.831	26.803	9.358	374.0	12.574	35.587	26.934	9.341	424.0	11.255	35.387	27.031	9.313
325.0	14.087	35.824	26.806	9.359	375.0	12.547	35.582	26.936	9.338	425.0	11.241	35.386	27.033	9.310
326.0	14.055	35.820	26.810	9.356	376.0	12.515	35.576	26.938	9.336	426.0	11.228	35.383	27.033	9.309
327.0	14.029	35.812	26.810	9.358	377.0	12.489	35.575	26.941	9.337	427.0	11.216	35.381	27.033	9.308
328.0	13.981	35.810	26.818	9.358	378.0	12.456	35.567	26.941	9.337	428.0	11.177	35.373	27.034	9.307
329.0	13.963	35.807	26.819	9.358	379.0	12.414	35.561	26.945	9.337	429.0	11.135	35.369	27.039	9.308
330.0	13.935	35.799	26.820	9.353	380.0	12.375	35.555	26.943	9.335	430.0	11.103	35.367	27.042	9.308
331.0	13.918	35.800	26.824	9.358	381.0	12.332	35.547	26.950	9.337	431.0	11.096	35.363	27.042	9.306
332.0	13.900	35.796	26.825	9.357	382.0	12.279	35.541	26.956	9.334	432.0	11.083	35.358	27.040	9.304
333.0	13.890	35.791	26.823	9.358	383.0	12.256	35.537	26.958	9.335	433.0	11.035	35.352	27.044	9.305
334.0	13.863	35.790	26.828	9.358	384.0	12.214	35.530	26.960	9.334	434.0	11.013	35.350	27.047	9.304
335.0	13.835	35.780	26.826	9.358	385.0	12.190	35.531	26.966	9.335	435.0	11.004	35.347	27.045	9.303
336.0	13.790	35.774	26.831	9.356	386.0	12.185	35.526	26.963	9.333	436.0	10.972	35.339	27.045	9.301
337.0	13.745	35.768	26.836	9.351	387.0	12.153	35.525	26.967	9.332	437.0	10.890	35.325	27.045	9.304

STATION SB013A.PLT: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
438.0	10.837	35.324	27.058	9.302	488.0	10.026	35.215	27.116	9.258	564.0	8.589	35.034	27.210	9.195
439.0	10.825	35.323	27.060	9.303	489.0	9.998	35.211	27.118	9.253	565.0	8.586	35.036	27.212	9.196
440.0	10.821	35.318	27.057	9.303	490.0	9.980	35.209	27.119	9.258	566.0	8.589	35.038	27.213	9.196
441.0	10.805	35.318	27.060	9.302	491.0	9.967	35.210	27.122	9.256	567.0	8.589	35.038	27.213	9.196
442.0	10.802	35.318	27.060	9.299	492.0	9.948	35.207	27.123	9.253	568.0	8.585	35.037	27.213	9.194
443.0	10.801	35.317	27.059	9.297	493.0	9.932	35.206	27.125	9.254	569.0	8.557	35.031	27.214	9.193
444.0	10.796	35.317	27.060	9.297	494.0	9.925	35.202	27.123	9.253	570.0	8.519	35.029	27.218	9.193
445.0	10.786	35.317	27.062	9.299	495.0	9.914	35.203	27.125	9.254	571.0	8.510	35.029	27.219	9.190
446.0	10.778	35.315	27.062	9.294	496.0	9.885	35.199	27.127	9.252	572.0	8.500	35.026	27.219	9.190
447.0	10.762	35.314	27.064	9.293	497.0	9.873	35.198	27.129	9.251	573.0	8.476	35.024	27.220	9.187
448.0	10.752	35.314	27.066	9.292	498.0	9.866	35.195	27.127	9.247	574.0	8.460	35.023	27.222	9.186
449.0	10.742	35.312	27.066	9.292	499.0	9.844	35.192	27.129	9.250	575.0	8.452	35.021	27.222	9.188
450.0	10.723	35.308	27.066	9.292	500.0	9.821	35.190	27.132	9.249	576.0	8.434	35.021	27.224	9.186
451.0	10.694	35.306	27.070	9.288	501.0	9.802	35.185	27.131	9.249	577.0	8.425	35.019	27.224	9.184
452.0	10.680	35.305	27.072	9.288	502.0	9.773	35.185	27.136	9.249	578.0	8.414	35.017	27.225	9.184
453.0	10.660	35.303	27.073	9.287	503.0	9.740	35.171	27.130	9.238	579.0	8.403	35.016	27.225	9.183
454.0	10.610	35.291	27.073	9.287	509.0	9.630	35.169	27.147	9.247	580.0	8.396	35.016	27.226	9.181
455.0	10.569	35.291	27.081	9.286	510.0	9.608	35.162	27.146	9.243	581.0	8.395	35.015	27.226	9.180
456.0	10.558	35.290	27.082	9.285	516.0	9.479	35.145	27.154	9.238	582.0	8.383	35.011	27.225	9.181
457.0	10.553	35.289	27.081	9.284	529.0	9.163	35.098	27.169	9.227	583.0	8.359	35.009	27.227	9.178
458.0	10.542	35.288	27.083	9.283	530.0	9.113	35.092	27.172	9.228	584.0	8.345	35.008	27.228	9.180
459.0	10.535	35.286	27.083	9.284	531.0	9.080	35.086	27.173	9.228	585.0	8.332	35.008	27.230	9.177
460.0	10.529	35.286	27.083	9.282	532.0	9.069	35.085	27.174	9.225	586.0	8.329	35.008	27.231	9.176
461.0	10.527	35.286	27.084	9.281	533.0	9.051	35.080	27.173	9.225	587.0	8.316	35.001	27.237	9.176
462.0	10.513	35.281	27.083	9.279	534.0	9.009	35.077	27.178	9.226	588.0	8.269	34.998	27.232	9.175
463.0	10.476	35.272	27.082	9.278	535.0	8.993	35.076	27.180	9.225	589.0	8.223	34.992	27.234	9.174
464.0	10.457	35.273	27.086	9.279	536.0	8.975	35.074	27.181	9.224	590.0	8.201	34.990	27.236	9.172
465.0	10.431	35.271	27.089	9.278	537.0	8.959	35.073	27.182	9.223	591.0	8.192	34.990	27.237	9.171
466.0	10.398	35.265	27.090	9.278	538.0	8.957	35.073	27.182	9.223	592.0	8.171	34.986	27.237	9.171
467.0	10.363	35.261	27.094	9.276	539.0	8.954	35.072	27.183	9.220	593.0	8.163	34.985	27.238	9.171
468.0	10.339	35.259	27.096	9.274	540.0	8.953	35.072	27.182	9.221	594.0	8.143	34.982	27.239	9.171
469.0	10.325	35.257	27.097	9.275	541.0	8.942	35.070	27.183	9.219	595.0	8.117	34.980	27.240	9.169
470.0	10.307	35.253	27.097	9.275	542.0	8.927	35.068	27.184	9.219	596.0	8.089	34.976	27.242	9.167
471.0	10.287	35.252	27.099	9.273	543.0	8.909	35.066	27.185	9.217	597.0	8.063	34.973	27.244	9.163
472.0	10.275	35.249	27.100	9.273	544.0	8.889	35.065	27.187	9.215	598.0	8.032	34.973	27.243	9.167
473.0	10.259	35.247	27.101	9.271	545.0	8.882	35.067	27.190	9.217	599.0	8.015	34.971	27.249	9.164
474.0	10.241	35.245	27.102	9.271	550.0	8.761	35.049	27.195	9.210	600.0	8.007	34.971	27.250	9.164
475.0	10.226	35.245	27.104	9.270	551.0	8.753	35.053	27.199	9.209	601.0	8.003	34.969	27.250	9.163
476.0	10.212	35.239	27.103	9.268	552.0	8.748	35.052	27.195	9.210	602.0	7.988	34.968	27.251	9.154
477.0	10.196	35.239	27.105	9.268	553.0	8.732	35.051	27.202	9.209	603.0	7.975	34.967	27.252	9.160
478.0	10.180	35.237	27.107	9.267	554.0	8.727	35.051	27.202	9.207	604.0	7.963	34.966	27.253	9.160
479.0	10.165	35.235	27.108	9.266	555.0	8.717	35.050	27.203	9.206	605.0	7.946	34.964	27.254	9.156
480.0	10.152	35.234	27.109	9.267	556.0	8.708	35.049	27.204	9.205	606.0	7.928	34.963	27.256	9.159
481.0	10.147	35.233	27.109	9.265	557.0	8.690	35.046	27.204	9.203	607.0	7.925	34.964	27.257	9.157
482.0	10.132	35.231	27.110	9.264	558.0	8.669	35.046	27.207	9.202	608.0	7.928	34.965	27.258	9.155
483.0	10.119	35.228	27.110	9.264	559.0	8.665	35.046	27.208	9.201	609.0	7.922	34.965	27.252	9.158
484.0	10.109	35.227	27.111	9.264	560.0	8.657	35.045	27.208	9.201	610.0	7.912	34.966	27.260	9.157
485.0	10.090	35.223	27.111	9.261	561.0	8.651	35.042	27.207	9.200	611.0	7.905	34.966	27.261	9.154
486.0	10.066	35.222	27.114	9.262	562.0	8.636	35.039	27.207	9.200	612.0	7.901	34.965	27.262	9.154
487.0	10.052	35.218	27.114	9.259	563.0	8.602	35.036	27.210	9.198	613.0	7.893	34.965	27.262	9.154

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 08 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
614.0	7.876	34.963	27.263	9.151	664.0	7.309	34.917	27.310	9.111	714.0	6.780	34.893	27.369	9.087
615.0	7.865	34.961	27.263	9.151	665.0	7.295	34.915	27.311	9.108	715.0	6.777	34.892	27.370	9.087
616.0	7.852	34.960	27.265	9.151	666.0	7.279	34.913	27.312	9.109	716.0	6.766	34.897	27.370	9.084
617.0	7.823	34.957	27.267	9.151	667.0	7.266	34.914	27.314	9.109	717.0	6.756	34.897	27.372	9.083
618.0	7.798	34.955	27.269	9.148	668.0	7.260	34.914	27.315	9.107	718.0	6.752	34.893	27.373	9.082
619.0	7.787	34.955	27.270	9.146	669.0	7.252	34.912	27.314	9.108	719.0	6.750	34.897	27.373	9.083
620.0	7.782	34.954	27.271	9.148	670.0	7.236	34.910	27.315	9.105	720.0	6.740	34.897	27.374	9.083
621.0	7.778	34.955	27.272	9.146	671.0	7.226	34.912	27.318	9.106	721.0	6.725	34.896	27.375	9.082
622.0	7.778	34.955	27.272	9.146	672.0	7.221	34.912	27.319	9.113	722.0	6.718	34.898	27.377	9.081
623.0	7.773	34.953	27.271	9.144	673.0	7.212	34.912	27.320	9.111	723.0	6.716	34.898	27.378	9.081
624.0	7.750	34.950	27.272	9.142	674.0	7.201	34.911	27.321	9.110	724.0	6.711	34.894	27.375	9.080
625.0	7.733	34.951	27.276	9.141	675.0	7.195	34.911	27.322	9.109	725.0	6.689	34.893	27.377	9.079
626.0	7.729	34.951	27.276	9.140	676.0	7.188	34.910	27.322	9.111	726.0	6.670	34.894	27.380	9.080
627.0	7.723	34.950	27.276	9.140	677.0	7.172	34.908	27.323	9.109	727.0	6.656	34.893	27.382	9.080
628.0	7.711	34.949	27.277	9.138	678.0	7.155	34.907	27.324	9.104	728.0	6.652	34.892	27.382	9.079
629.0	7.701	34.947	27.277	9.137	679.0	7.143	34.907	27.326	9.102	729.0	6.649	34.892	27.382	9.078
630.0	7.679	34.944	27.278	9.137	680.0	7.136	34.907	27.326	9.100	730.0	6.645	34.892	27.382	9.076
631.0	7.670	34.945	27.281	9.137	681.0	7.124	34.904	27.326	9.097	731.0	6.641	34.891	27.382	9.076
632.0	7.663	34.945	27.281	9.137	682.0	7.105	34.903	27.328	9.092	732.0	6.623	34.888	27.383	9.074
633.0	7.645	34.940	27.280	9.136	683.0	7.086	34.902	27.330	9.090	733.0	6.607	34.886	27.383	9.072
634.0	7.626	34.939	27.282	9.133	684.0	7.067	34.901	27.332	9.091	734.0	6.596	34.886	27.384	9.073
635.0	7.619	34.938	27.282	9.133	685.0	7.053	34.902	27.334	9.088	735.0	6.580	34.886	27.387	9.072
636.0	7.606	34.938	27.284	9.132	686.0	7.038	34.900	27.335	9.090	736.0	6.568	34.886	27.388	9.071
637.0	7.598	34.937	27.284	9.132	687.0	7.024	34.901	27.338	9.092	737.0	6.558	34.886	27.390	9.071
638.0	7.595	34.938	27.286	9.131	688.0	7.007	34.899	27.338	9.089	738.0	6.550	34.885	27.390	9.069
639.0	7.591	34.939	27.287	9.132	689.0	6.998	34.899	27.340	9.090	739.0	6.534	34.885	27.392	9.069
640.0	7.588	34.939	27.287	9.131	690.0	6.987	34.899	27.341	9.093	740.0	6.525	34.886	27.394	9.070
641.0	7.585	34.938	27.287	9.130	691.0	6.979	34.898	27.342	9.092	741.0	6.517	34.886	27.396	9.069
642.0	7.582	34.938	27.287	9.131	692.0	6.973	34.899	27.343	9.093	742.0	6.511	34.885	27.395	9.069
643.0	7.569	34.935	27.287	9.131	693.0	6.967	34.900	27.344	9.093	743.0	6.493	34.882	27.397	9.067
644.0	7.545	34.934	27.290	9.130	694.0	6.954	34.896	27.344	9.093	744.0	6.457	34.885	27.402	9.066
645.0	7.515	34.930	27.291	9.127	695.0	6.942	34.898	27.347	9.092	745.0	6.448	34.884	27.402	9.064
646.0	7.497	34.929	27.292	9.126	696.0	6.932	34.899	27.349	9.094	746.0	6.434	34.884	27.405	9.066
647.0	7.485	34.927	27.292	9.126	697.0	6.928	34.898	27.349	9.093	747.0	6.428	34.885	27.406	9.064
648.0	7.476	34.929	27.295	9.123	698.0	6.922	34.898	27.349	9.091	748.0	6.415	34.883	27.407	9.066
649.0	7.471	34.927	27.294	9.123	699.0	6.906	34.895	27.350	9.091	749.0	6.405	34.884	27.408	9.063
650.0	7.462	34.925	27.295	9.123	700.0	6.897	34.896	27.352	9.092	750.0	6.392	34.883	27.410	9.062
651.0	7.450	34.924	27.296	9.121	701.0	6.881	34.898	27.355	9.091	751.0	6.384	34.884	27.411	9.062
652.0	7.433	34.922	27.296	9.122	702.0	6.874	34.898	27.356	9.092	752.0	6.377	34.883	27.412	9.062
653.0	7.417	34.922	27.299	9.118	703.0	6.854	34.893	27.359	9.092	753.0	6.371	34.883	27.413	9.063
654.0	7.411	34.921	27.299	9.117	704.0	6.849	34.893	27.359	9.093	754.0	6.359	34.882	27.413	9.062
655.0	7.397	34.922	27.301	9.117	705.0	6.845	34.899	27.361	9.093	755.0	6.341	34.883	27.416	9.063
656.0	7.390	34.921	27.302	9.118	706.0	6.840	34.899	27.362	9.091	756.0	6.331	34.883	27.417	9.062
657.0	7.368	34.921	27.302	9.116	707.0	6.829	34.899	27.363	9.092	757.0	6.323	34.882	27.418	9.061
658.0	7.337	34.922	27.303	9.115	708.0	6.820	34.899	27.365	9.090	758.0	6.306	34.882	27.420	9.060
659.0	7.332	34.924	27.304	9.119	709.0	6.815	34.900	27.365	9.090	759.0	6.292	34.883	27.423	9.059
660.0	7.331	34.925	27.305	9.119	710.0	6.812	34.900	27.366	9.089	760.0	6.279	34.882	27.423	9.057
661.0	7.320	34.921	27.304	9.118	711.0	6.805	34.899	27.366	9.088	761.0	6.261	34.883	27.427	9.060
662.0	7.341	34.919	27.307	9.117	712.0	6.795	34.897	27.366	9.089	762.0	6.245	34.886	27.432	9.056
663.0	7.324	34.919	27.309	9.110	713.0	6.783	34.895	27.365	9.088	763.0	6.245	34.881	27.427	9.057

STATION SB013A.PLT:: CRUISE 90615 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 238
 LAT 25 40.15 N LON 08 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
764.0	6.236	34.881	27.428	9.056	814.0	5.931	34.883	27.469	9.030	864.0	5.578	34.894	27.522	9.009
765.0	6.225	34.882	27.430	9.057	815.0	5.920	34.884	27.471	9.031	865.0	5.571	34.894	27.523	9.010
766.0	6.222	34.882	27.431	9.055	816.0	5.907	34.884	27.473	9.031	866.0	5.563	34.895	27.525	9.008
767.0	6.217	34.882	27.432	9.054	817.0	5.898	34.885	27.475	9.029	867.0	5.557	34.895	27.526	9.009
768.0	6.213	34.882	27.433	9.054	818.0	5.892	34.886	27.476	9.029	868.0	5.553	34.895	27.526	9.008
769.0	6.211	34.882	27.432	9.053	819.0	5.885	34.886	27.477	9.029	869.0	5.544	34.895	27.527	9.006
770.0	6.204	34.883	27.434	9.052	820.0	5.881	34.886	27.478	9.025	870.0	5.541	34.895	27.528	9.005
771.0	6.198	34.882	27.434	9.054	821.0	5.877	34.886	27.479	9.025	871.0	5.535	34.896	27.529	9.008
772.0	6.196	34.882	27.434	9.053	822.0	5.869	34.885	27.479	9.025	872.0	5.532	34.896	27.529	9.007
773.0	6.194	34.883	27.435	9.051	823.0	5.854	34.886	27.481	9.026	873.0	5.525	34.895	27.530	9.006
774.0	6.187	34.882	27.436	9.052	824.0	5.844	34.887	27.483	9.025	874.0	5.517	34.896	27.531	9.004
775.0	6.178	34.881	27.436	9.052	825.0	5.828	34.887	27.485	9.026	875.0	5.513	34.896	27.532	9.004
776.0	6.167	34.881	27.438	9.049	826.0	5.814	34.887	27.488	9.025	876.0	5.502	34.896	27.533	9.005
777.0	6.155	34.882	27.440	9.050	827.0	5.805	34.888	27.489	9.026	877.0	5.495	34.897	27.535	9.003
778.0	6.149	34.883	27.441	9.049	828.0	5.800	34.888	27.490	9.024	878.0	5.493	34.897	27.535	9.004
779.0	6.142	34.882	27.442	9.049	829.0	5.797	34.888	27.490	9.024	879.0	5.491	34.897	27.536	9.005
780.0	6.130	34.883	27.444	9.050	830.0	5.794	34.888	27.490	9.024	880.0	5.489	34.897	27.536	9.004
781.0	6.119	34.883	27.445	9.049	831.0	5.787	34.888	27.492	9.024	881.0	5.483	34.897	27.536	9.003
782.0	6.113	34.884	27.447	9.048	832.0	5.780	34.888	27.493	9.023	882.0	5.477	34.897	27.537	9.003
783.0	6.112	34.884	27.447	9.049	833.0	5.776	34.889	27.494	9.022	883.0	5.475	34.898	27.538	9.003
784.0	6.109	34.884	27.447	9.048	834.0	5.774	34.888	27.493	9.023	884.0	5.474	34.898	27.538	9.003
785.0	6.109	34.883	27.447	9.046	835.0	5.767	34.888	27.494	9.023	885.0	5.473	34.898	27.538	9.003
786.0	6.107	34.884	27.448	9.045	836.0	5.756	34.888	27.496	9.022	886.0	5.471	34.898	27.539	9.001
787.0	6.104	34.883	27.447	9.045	837.0	5.747	34.889	27.497	9.022	887.0	5.470	34.898	27.539	9.001
788.0	6.096	34.883	27.448	9.044	838.0	5.742	34.889	27.498	9.022	888.0	5.469	34.898	27.539	9.003
789.0	6.082	34.883	27.450	9.044	839.0	5.732	34.889	27.499	9.021	889.0	5.466	34.898	27.539	9.002
790.0	6.073	34.884	27.452	9.043	840.0	5.719	34.889	27.501	9.023	890.0	5.459	34.897	27.539	9.001
791.0	6.070	34.883	27.452	9.043	841.0	5.710	34.890	27.503	9.021	891.0	5.453	34.897	27.540	9.001
792.0	6.066	34.884	27.453	9.043	842.0	5.709	34.890	27.503	9.020	892.0	5.447	34.898	27.541	9.000
793.0	6.059	34.883	27.453	9.043	843.0	5.708	34.891	27.504	9.020	893.0	5.441	34.898	27.542	9.000
794.0	6.041	34.884	27.456	9.040	844.0	5.707	34.890	27.503	9.019	894.0	5.438	34.898	27.542	9.001
795.0	6.032	34.884	27.457	9.040	845.0	5.703	34.890	27.504	9.020	895.0	5.433	34.899	27.543	9.000
796.0	6.019	34.884	27.459	9.043	846.0	5.695	34.890	27.505	9.020	896.0	5.427	34.899	27.544	8.999
797.0	6.011	34.885	27.460	9.041	847.0	5.685	34.891	27.506	9.019	897.0	5.419	34.899	27.546	9.000
798.0	6.010	34.885	27.460	9.040	848.0	5.678	34.890	27.507	9.020	898.0	5.415	34.900	27.547	9.000
799.0	6.008	34.885	27.461	9.039	849.0	5.673	34.891	27.508	9.019	899.0	5.412	34.900	27.547	9.000
800.0	6.005	34.883	27.460	9.038	850.0	5.665	34.891	27.509	9.018	900.0	5.409	34.900	27.548	9.001
801.0	5.997	34.885	27.462	9.039	851.0	5.651	34.891	27.511	9.018	901.0	5.406	34.900	27.548	9.000
802.0	5.989	34.884	27.463	9.038	852.0	5.638	34.892	27.513	9.017	902.0	5.399	34.900	27.549	8.997
803.0	5.981	34.884	27.464	9.038	853.0	5.634	34.893	27.514	9.015	903.0	5.392	34.900	27.550	8.997
804.0	5.973	34.884	27.465	9.035	854.0	5.627	34.893	27.515	9.014	904.0	5.381	34.902	27.553	8.999
805.0	5.962	34.883	27.466	9.035	855.0	5.624	34.893	27.515	9.016	905.0	5.375	34.901	27.553	9.000
806.0	5.948	34.885	27.469	9.034	856.0	5.622	34.893	27.516	9.014	906.0	5.366	34.903	27.555	8.995
807.0	5.944	34.885	27.469	9.034	857.0	5.613	34.893	27.516	9.013	907.0	5.364	34.902	27.555	8.996
808.0	5.942	34.885	27.470	9.035	858.0	5.614	34.894	27.518	9.013	908.0	5.356	34.903	27.556	8.996
809.0	5.940	34.886	27.470	9.033	859.0	5.610	34.894	27.518	9.011	909.0	5.350	34.903	27.557	8.996
810.0	5.939	34.885	27.471	9.033	860.0	5.608	34.893	27.517	9.013	910.0	5.343	34.903	27.558	8.996
811.0	5.933	34.885	27.470	9.033	861.0	5.600	34.893	27.519	9.012	911.0	5.341	34.903	27.558	8.994
812.0	5.935	34.885	27.471	9.031	862.0	5.592	34.894	27.521	9.010	912.0	5.337	34.904	27.560	8.994
813.0	5.933	34.885	27.471	9.031	863.0	5.585	34.894	27.521	9.011	913.0	5.331	34.905	27.561	8.995

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
914.0	5.321	34.904	27.561	8.995	964.0	5.101	34.913	27.594	8.974	1014.0	4.898	34.922	27.626	8.954
915.0	5.313	34.903	27.562	8.993	965.0	5.097	34.913	27.595	8.974	1015.0	4.896	34.923	27.626	8.954
916.0	5.307	34.904	27.563	8.991	966.0	5.093	34.912	27.595	8.971	1016.0	4.896	34.922	27.626	8.953
917.0	5.303	34.904	27.563	8.994	967.0	5.087	34.913	27.596	8.972	1017.0	4.893	34.922	27.626	8.953
918.0	5.295	34.906	27.566	8.992	968.0	5.079	34.914	27.598	8.973	1018.0	4.889	34.923	27.627	8.954
919.0	5.289	34.906	27.567	8.991	969.0	5.075	34.914	27.599	8.971	1019.0	4.885	34.923	27.628	8.952
920.0	5.289	34.905	27.566	8.991	970.0	5.070	34.914	27.599	8.971	1020.0	4.882	34.923	27.628	8.951
921.0	5.286	34.905	27.566	8.990	971.0	5.066	34.914	27.600	8.969	1021.0	4.879	34.923	27.628	8.952
922.0	5.280	34.904	27.567	8.989	972.0	5.062	34.915	27.601	8.970	1022.0	4.875	34.924	27.630	8.952
923.0	5.274	34.906	27.568	8.990	973.0	5.059	34.915	27.601	8.969	1023.0	4.873	34.924	27.630	8.953
924.0	5.272	34.906	27.569	8.989	974.0	5.056	34.914	27.601	8.970	1024.0	4.869	34.924	27.630	8.951
925.0	5.269	34.906	27.569	8.989	975.0	5.051	34.915	27.602	8.967	1025.0	4.867	34.924	27.630	8.950
926.0	5.267	34.906	27.569	8.991	976.0	5.049	34.915	27.602	8.967	1026.0	4.864	34.924	27.631	8.950
927.0	5.263	34.906	27.570	8.989	977.0	5.044	34.915	27.604	8.966	1027.0	4.862	34.924	27.632	8.949
928.0	5.262	34.907	27.570	8.989	978.0	5.042	34.915	27.603	8.966	1028.0	4.860	34.924	27.632	8.951
929.0	5.260	34.906	27.570	8.989	979.0	5.040	34.915	27.604	8.966	1029.0	4.857	34.924	27.632	8.950
930.0	5.257	34.906	27.571	8.987	980.0	5.040	34.915	27.604	8.965	1030.0	4.852	34.924	27.633	8.948
931.0	5.254	34.905	27.570	8.987	981.0	5.038	34.916	27.604	8.966	1031.0	4.849	34.925	27.633	8.950
932.0	5.246	34.907	27.573	8.986	982.0	5.036	34.915	27.604	8.965	1032.0	4.847	34.924	27.633	8.946
933.0	5.241	34.907	27.573	8.985	983.0	5.035	34.915	27.604	8.964	1033.0	4.840	34.926	27.635	8.947
934.0	5.236	34.907	27.574	8.984	984.0	5.032	34.915	27.604	8.965	1034.0	4.839	34.926	27.635	8.946
935.0	5.233	34.907	27.574	8.984	985.0	5.028	34.916	27.605	8.964	1035.0	4.838	34.924	27.634	8.946
936.0	5.234	34.907	27.574	8.986	986.0	5.025	34.916	27.606	8.964	1036.0	4.830	34.926	27.636	8.946
937.0	5.222	34.907	27.576	8.985	987.0	5.020	34.915	27.606	8.964	1037.0	4.829	34.925	27.636	8.945
938.0	5.214	34.907	27.577	8.984	988.0	5.010	34.916	27.609	8.963	1038.0	4.823	34.925	27.637	8.946
939.0	5.205	34.908	27.578	8.984	989.0	5.001	34.917	27.610	8.963	1039.0	4.823	34.926	27.637	8.946
940.0	5.201	34.909	27.579	8.984	990.0	4.996	34.918	27.611	8.962	1040.0	4.818	34.925	27.637	8.945
941.0	5.194	34.909	27.581	8.984	991.0	4.994	34.917	27.611	8.962	1041.0	4.814	34.927	27.639	8.944
942.0	5.183	34.909	27.582	8.983	992.0	4.990	34.918	27.612	8.961	1042.0	4.812	34.926	27.638	8.944
943.0	5.176	34.909	27.583	8.981	993.0	4.987	34.919	27.612	8.961	1043.0	4.810	34.925	27.638	8.943
944.0	5.169	34.910	27.584	8.981	994.0	4.986	34.918	27.612	8.962	1044.0	4.808	34.927	27.639	8.942
945.0	5.161	34.910	27.585	8.982	995.0	4.983	34.919	27.613	8.961	1045.0	4.806	34.926	27.639	8.944
946.0	5.153	34.910	27.587	8.981	996.0	4.979	34.919	27.613	8.960	1046.0	4.803	34.927	27.640	8.942
947.0	5.149	34.911	27.587	8.981	997.0	4.976	34.920	27.615	8.961	1047.0	4.802	34.927	27.640	8.941
948.0	5.147	34.911	27.587	8.982	998.0	4.974	34.917	27.612	8.959	1048.0	4.802	34.927	27.640	8.941
949.0	5.144	34.911	27.588	8.978	999.0	4.971	34.917	27.613	8.960	1049.0	4.800	34.926	27.640	8.940
950.0	5.140	34.912	27.589	8.977	1000.0	4.964	34.919	27.615	8.959	1050.0	4.799	34.926	27.640	8.939
951.0	5.136	34.913	27.590	8.977	1001.0	4.955	34.919	27.617	8.957	1051.0	4.796	34.927	27.641	8.940
952.0	5.133	34.914	27.591	8.978	1002.0	4.952	34.919	27.617	8.958	1052.0	4.793	34.927	27.642	8.939
953.0	5.129	34.909	27.589	8.979	1003.0	4.944	34.920	27.618	8.957	1053.0	4.788	34.927	27.642	8.941
954.0	5.121	34.912	27.592	8.976	1004.0	4.940	34.920	27.619	8.959	1054.0	4.783	34.928	27.644	8.939
955.0	5.117	34.911	27.591	8.976	1005.0	4.931	34.920	27.620	8.956	1055.0	4.782	34.927	27.643	8.938
956.0	5.113	34.913	27.593	8.976	1006.0	4.926	34.921	27.622	8.957	1056.0	4.777	34.928	27.644	8.937
957.0	5.112	34.912	27.593	8.975	1007.0	4.922	34.921	27.622	8.956	1057.0	4.774	34.928	27.644	8.936
958.0	5.110	34.912	27.593	8.975	1008.0	4.917	34.921	27.622	8.956	1058.0	4.770	34.928	27.645	8.936
959.0	5.108	34.912	27.593	8.975	1009.0	4.907	34.922	27.624	8.958	1059.0	4.768	34.928	27.646	8.936
960.0	5.106	34.912	27.594	8.975	1010.0	4.905	34.922	27.625	8.957	1060.0	4.766	34.928	27.646	8.935
961.0	5.105	34.912	27.594	8.976	1011.0	4.901	34.922	27.625	8.956	1061.0	4.763	34.928	27.646	8.936
962.0	5.102	34.912	27.594	8.974	1012.0	4.902	34.922	27.625	8.956	1062.0	4.760	34.928	27.646	8.937
963.0	5.101	34.913	27.594	8.974	1013.0	4.900	34.922	27.625	8.956	1063.0	4.759	34.929	27.647	8.935

STATION SB013A.PLT: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
1064.0	4.758	34.928	27.646	8.935	1114.0	4.633	34.935	27.666	8.915	1164.0	4.526	34.940	27.682	8.896
1065.0	4.754	34.929	27.647	8.933	1115.0	4.631	34.935	27.666	8.914	1165.0	4.525	34.941	27.682	8.897
1066.0	4.752	34.929	27.648	8.934	1116.0	4.627	34.935	27.667	8.914	1166.0	4.525	34.941	27.683	8.896
1067.0	4.750	34.929	27.648	8.934	1117.0	4.622	34.936	27.668	8.915	1167.0	4.524	34.941	27.683	8.894
1068.0	4.748	34.929	27.648	8.932	1118.0	4.620	34.936	27.668	8.912	1168.0	4.523	34.941	27.683	8.894
1069.0	4.748	34.929	27.648	8.933	1119.0	4.617	34.936	27.669	8.913	1169.0	4.522	34.941	27.683	8.893
1070.0	4.748	34.929	27.648	8.932	1120.0	4.616	34.937	27.669	8.913	1170.0	4.521	34.941	27.683	8.894
1071.0	4.746	34.929	27.648	8.932	1121.0	4.615	34.937	27.669	8.912	1171.0	4.521	34.941	27.683	8.893
1072.0	4.744	34.929	27.648	8.930	1122.0	4.615	34.936	27.669	8.912	1172.0	4.520	34.941	27.683	8.891
1073.0	4.735	34.928	27.649	8.931	1123.0	4.613	34.936	27.669	8.912	1173.0	4.518	34.941	27.684	8.893
1074.0	4.727	34.930	27.652	8.931	1124.0	4.607	34.937	27.670	8.912	1174.0	4.514	34.941	27.684	8.892
1075.0	4.725	34.930	27.652	8.931	1125.0	4.604	34.937	27.670	8.910	1175.0	4.511	34.942	27.685	8.892
1076.0	4.724	34.930	27.652	8.929	1126.0	4.601	34.937	27.671	8.910	1176.0	4.509	34.942	27.685	8.891
1077.0	4.721	34.930	27.652	8.930	1127.0	4.599	34.937	27.672	8.910	1177.0	4.507	34.942	27.685	8.892
1078.0	4.718	34.931	27.653	8.928	1128.0	4.598	34.938	27.672	8.907	1178.0	4.506	34.942	27.685	8.891
1079.0	4.715	34.930	27.653	8.927	1129.0	4.597	34.938	27.672	8.908	1179.0	4.505	34.942	27.686	8.890
1080.0	4.710	34.930	27.654	8.927	1130.0	4.594	34.938	27.673	8.906	1180.0	4.504	34.942	27.686	8.888
1081.0	4.705	34.931	27.655	8.927	1131.0	4.594	34.938	27.673	8.907	1181.0	4.502	34.942	27.687	8.888
1082.0	4.701	34.932	27.656	8.927	1132.0	4.593	34.938	27.673	8.908	1182.0	4.499	34.943	27.687	8.886
1083.0	4.696	34.931	27.656	8.927	1133.0	4.592	34.938	27.673	8.907	1183.0	4.498	34.942	27.687	8.887
1084.0	4.692	34.932	27.657	8.925	1134.0	4.589	34.938	27.673	8.907	1184.0	4.496	34.943	27.687	8.887
1085.0	4.689	34.932	27.658	8.926	1135.0	4.587	34.937	27.673	8.906	1185.0	4.497	34.942	27.687	8.887
1086.0	4.687	34.932	27.658	8.925	1136.0	4.585	34.938	27.674	8.906	1186.0	4.495	34.943	27.688	8.886
1087.0	4.685	34.933	27.658	8.925	1137.0	4.584	34.938	27.674	8.906	1187.0	4.494	34.943	27.688	8.885
1088.0	4.684	34.932	27.658	8.926	1138.0	4.581	34.938	27.674	8.905	1188.0	4.493	34.943	27.688	8.885
1089.0	4.683	34.933	27.658	8.925	1139.0	4.582	34.938	27.675	8.905	1189.0	4.492	34.944	27.688	8.886
1090.0	4.683	34.933	27.659	8.926	1140.0	4.580	34.938	27.675	8.905	1190.0	4.490	34.945	27.690	8.885
1091.0	4.683	34.933	27.658	8.926	1141.0	4.577	34.938	27.675	8.906	1191.0	4.489	34.943	27.689	8.884
1092.0	4.681	34.933	27.659	8.923	1142.0	4.575	34.933	27.675	8.904	1192.0	4.489	34.942	27.688	8.883
1093.0	4.679	34.933	27.659	8.923	1143.0	4.572	34.938	27.676	8.903	1193.0	4.486	34.942	27.688	8.882
1094.0	4.674	34.932	27.659	8.922	1144.0	4.569	34.939	27.676	8.903	1194.0	4.483	34.942	27.688	8.882
1095.0	4.668	34.934	27.661	8.923	1145.0	4.562	34.939	27.677	8.904	1195.0	4.481	34.944	27.690	8.881
1096.0	4.666	34.934	27.662	8.923	1146.0	4.558	34.939	27.678	8.902	1196.0	4.481	34.943	27.689	8.878
1097.0	4.662	34.935	27.662	8.922	1147.0	4.554	34.939	27.678	8.902	1197.0	4.479	34.943	27.689	8.881
1098.0	4.661	34.934	27.662	8.922	1148.0	4.553	34.940	27.679	8.901	1198.0	4.480	34.943	27.689	8.879
1099.0	4.661	34.935	27.662	8.922	1149.0	4.550	34.940	27.679	8.902	1199.0	4.477	34.943	27.689	8.879
1100.0	4.657	34.935	27.663	8.922	1150.0	4.548	34.940	27.679	8.901	1200.0	4.475	34.944	27.690	8.878
1101.0	4.653	34.934	27.663	8.920	1151.0	4.546	34.940	27.680	8.902	1201.0	4.475	34.943	27.690	8.877
1102.0	4.651	34.934	27.663	8.920	1152.0	4.545	34.940	27.680	8.902	1202.0	4.475	34.943	27.690	8.876
1103.0	4.651	34.933	27.662	8.921	1153.0	4.545	34.940	27.680	8.900	1203.0	4.473	34.943	27.691	8.866
1104.0	4.651	34.932	27.662	8.919	1154.0	4.544	34.940	27.680	8.899	1204.0	4.469	34.944	27.692	8.865
1105.0	4.651	34.932	27.662	8.920	1155.0	4.543	34.940	27.680	8.899	1205.0	4.466	34.944	27.692	8.863
1106.0	4.651	34.932	27.662	8.917	1156.0	4.540	34.940	27.680	8.897	1206.0	4.465	34.945	27.693	8.863
1107.0	4.651	34.931	27.661	8.917	1157.0	4.538	34.941	27.681	8.899	1207.0	4.465	34.945	27.693	8.864
1108.0	4.651	34.930	27.660	8.916	1158.0	4.537	34.940	27.681	8.897	1208.0	4.464	34.945	27.693	8.864
1109.0	4.644	34.933	27.663	8.916	1159.0	4.534	34.941	27.682	8.893	1209.0	4.461	34.945	27.693	8.865
1110.0	4.640	34.935	27.665	8.917	1160.0	4.533	34.941	27.682	8.896	1210.0	4.459	34.945	27.693	8.864
1111.0	4.639	34.935	27.665	8.917	1161.0	4.532	34.940	27.681	8.898	1211.0	4.458	34.945	27.693	8.864
1112.0	4.638	34.935	27.665	8.916	1162.0	4.530	34.941	27.682	8.899	1212.0	4.458	34.945	27.694	8.865
1113.0	4.635	34.936	27.666	8.916	1163.0	4.529	34.940	27.681	8.896	1213.0	4.457	34.945	27.693	8.865

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1214.0	4.454	34.945	27.694	8.866	1264.0	4.400	34.948	27.702	8.869	1314.0	4.363	34.951	27.708	8.878
1215.0	4.453	34.945	27.694	8.866	1265.0	4.399	34.948	27.702	8.869	1315.0	4.364	34.951	27.708	8.878
1216.0	4.453	34.945	27.694	8.867	1266.0	4.399	34.948	27.702	8.870	1316.0	4.364	34.951	27.708	8.878
1217.0	4.451	34.945	27.695	8.865	1267.0	4.398	34.948	27.703	8.870	1317.0	4.364	34.951	27.708	8.877
1218.0	4.450	34.946	27.695	8.866	1268.0	4.397	34.948	27.702	8.869	1318.0	4.363	34.951	27.708	8.878
1219.0	4.450	34.945	27.694	8.866	1269.0	4.396	34.948	27.703	8.870	1319.0	4.363	34.951	27.708	8.877
1220.0	4.448	34.946	27.695	8.867	1270.0	4.394	34.948	27.703	8.870	1320.0	4.362	34.951	27.708	8.878
1221.0	4.445	34.946	27.696	8.866	1271.0	4.394	34.949	27.703	8.871	1321.0	4.362	34.951	27.708	8.878
1222.0	4.444	34.946	27.695	8.867	1272.0	4.394	34.949	27.703	8.871	1322.0	4.362	34.951	27.708	8.878
1223.0	4.443	34.946	27.696	8.865	1273.0	4.394	34.949	27.703	8.871	1323.0	4.360	34.951	27.709	8.878
1224.0	4.441	34.946	27.696	8.867	1274.0	4.394	34.948	27.703	8.870	1324.0	4.359	34.951	27.709	8.879
1225.0	4.439	34.946	27.696	8.865	1275.0	4.393	34.949	27.704	8.869	1325.0	4.356	34.951	27.709	8.877
1226.0	4.439	34.946	27.696	8.866	1276.0	4.393	34.948	27.703	8.870	1326.0	4.356	34.951	27.709	8.878
1227.0	4.436	34.946	27.697	8.867	1277.0	4.392	34.949	27.704	8.871	1327.0	4.356	34.951	27.709	8.879
1228.0	4.436	34.947	27.697	8.867	1278.0	4.392	34.949	27.703	8.871	1328.0	4.355	34.952	27.710	8.880
1229.0	4.435	34.946	27.697	8.868	1279.0	4.391	34.949	27.703	8.871	1329.0	4.356	34.951	27.709	8.876
1230.0	4.434	34.946	27.697	8.868	1280.0	4.391	34.949	27.704	8.872	1330.0	4.355	34.951	27.709	8.878
1231.0	4.431	34.947	27.698	8.868	1281.0	4.390	34.948	27.703	8.872	1331.0	4.355	34.951	27.709	8.879
1232.0	4.428	34.946	27.698	8.867	1282.0	4.389	34.949	27.704	8.872	1332.0	4.354	34.952	27.710	8.882
1233.0	4.427	34.946	27.698	8.867	1283.0	4.389	34.949	27.704	8.872	1333.0	4.355	34.951	27.709	8.881
1234.0	4.425	34.947	27.698	8.867	1284.0	4.386	34.949	27.705	8.871	1334.0	4.353	34.951	27.710	8.882
1235.0	4.424	34.947	27.698	8.867	1285.0	4.384	34.949	27.705	8.873	1335.0	4.352	34.951	27.710	8.881
1236.0	4.423	34.947	27.699	8.867	1286.0	4.384	34.949	27.705	8.873	1336.0	4.351	34.951	27.710	8.882
1237.0	4.422	34.947	27.699	8.868	1287.0	4.382	34.950	27.705	8.872	1337.0	4.351	34.952	27.710	8.880
1238.0	4.422	34.947	27.699	8.868	1288.0	4.381	34.949	27.705	8.874	1338.0	4.350	34.952	27.710	8.882
1239.0	4.420	34.948	27.700	8.867	1289.0	4.380	34.949	27.705	8.872	1339.0	4.350	34.951	27.710	8.883
1240.0	4.421	34.947	27.699	8.867	1290.0	4.379	34.950	27.706	8.873	1340.0	4.348	34.952	27.711	8.881
1241.0	4.419	34.947	27.699	8.867	1291.0	4.378	34.950	27.706	8.872	1341.0	4.347	34.952	27.711	8.883
1242.0	4.418	34.947	27.700	8.867	1292.0	4.378	34.949	27.706	8.874	1342.0	4.347	34.952	27.711	8.882
1243.0	4.417	34.948	27.700	8.868	1293.0	4.376	34.950	27.706	8.873	1343.0	4.346	34.952	27.711	8.882
1244.0	4.416	34.947	27.700	8.867	1294.0	4.373	34.950	27.707	8.873	1344.0	4.346	34.952	27.711	8.883
1245.0	4.415	34.947	27.700	8.869	1295.0	4.372	34.950	27.707	8.874	1345.0	4.346	34.952	27.711	8.883
1246.0	4.415	34.947	27.700	8.867	1296.0	4.372	34.951	27.708	8.875	1346.0	4.346	34.952	27.711	8.882
1247.0	4.415	34.947	27.700	8.867	1297.0	4.370	34.951	27.708	8.874	1347.0	4.345	34.952	27.711	8.883
1248.0	4.411	34.948	27.701	8.868	1298.0	4.370	34.950	27.707	8.874	1348.0	4.343	34.952	27.712	8.883
1249.0	4.411	34.948	27.700	8.868	1299.0	4.370	34.951	27.708	8.876	1349.0	4.341	34.952	27.712	8.884
1250.0	4.411	34.948	27.700	8.867	1300.0	4.370	34.950	27.707	8.875	1350.0	4.341	34.953	27.712	8.884
1251.0	4.410	34.948	27.701	8.868	1301.0	4.370	34.951	27.708	8.876	1351.0	4.340	34.953	27.712	8.884
1252.0	4.410	34.949	27.701	8.868	1302.0	4.369	34.950	27.708	8.874	1352.0	4.340	34.953	27.713	8.885
1253.0	4.410	34.948	27.701	8.867	1303.0	4.369	34.950	27.707	8.877	1353.0	4.340	34.952	27.712	8.882
1254.0	4.410	34.948	27.701	8.869	1304.0	4.369	34.950	27.707	8.876	1354.0	4.339	34.952	27.712	8.885
1255.0	4.409	34.947	27.701	8.869	1305.0	4.368	34.951	27.708	8.876	1355.0	4.339	34.952	27.712	8.884
1256.0	4.403	34.948	27.701	8.869	1306.0	4.368	34.951	27.708	8.876	1356.0	4.338	34.953	27.713	8.885
1257.0	4.407	34.947	27.701	8.869	1307.0	4.368	34.951	27.709	8.877	1357.0	4.337	34.953	27.713	8.887
1258.0	4.406	34.949	27.701	8.869	1308.0	4.368	34.951	27.708	8.877	1358.0	4.337	34.953	27.713	8.887
1259.0	4.404	34.948	27.702	8.869	1309.0	4.367	34.951	27.708	8.877	1359.0	4.337	34.953	27.713	8.884
1260.0	4.403	34.948	27.702	8.870	1310.0	4.366	34.951	27.708	8.877	1360.0	4.336	34.953	27.713	8.887
1261.0	4.402	34.948	27.702	8.869	1311.0	4.365	34.951	27.708	8.876	1361.0	4.336	34.952	27.713	8.886
1262.0	4.400	34.948	27.702	8.868	1312.0	4.364	34.951	27.708	8.877	1362.0	4.335	34.953	27.713	8.886
1263.0	4.400	34.948	27.702	8.870	1313.0	4.364	34.951	27.708	8.877	1363.0	4.332	34.953	27.714	8.887

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55, 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
1364.0	4.332	34.952	27.713	8.887	1414.0	4.306	34.955	27.718	8.900	1464.0	4.291	34.955	27.720	8.912
1365.0	4.332	34.953	27.714	8.888	1415.0	4.305	34.955	27.718	8.899	1465.0	4.291	34.955	27.720	8.912
1366.0	4.330	34.954	27.715	8.886	1416.0	4.305	34.955	27.718	8.898	1466.0	4.290	34.956	27.721	8.912
1367.0	4.330	34.953	27.714	8.888	1417.0	4.304	34.955	27.716	8.899	1467.0	4.290	34.956	27.720	8.912
1368.0	4.328	34.954	27.715	8.886	1418.0	4.304	34.955	27.719	8.900	1468.0	4.290	34.955	27.720	8.914
1369.0	4.328	34.954	27.715	8.888	1419.0	4.304	34.955	27.718	8.898	1469.0	4.290	34.955	27.720	8.914
1370.0	4.327	34.954	27.715	8.888	1420.0	4.304	34.955	27.718	8.901	1470.0	4.290	34.955	27.720	8.913
1371.0	4.325	34.954	27.715	8.887	1421.0	4.305	34.954	27.718	8.900	1471.0	4.289	34.956	27.720	8.916
1372.0	4.325	34.953	27.714	8.887	1422.0	4.305	34.955	27.718	8.901	1472.0	4.288	34.955	27.720	8.916
1373.0	4.324	34.953	27.715	8.888	1423.0	4.305	34.955	27.718	8.902	1473.0	4.288	34.955	27.720	8.915
1374.0	4.324	34.952	27.714	8.889	1424.0	4.304	34.955	27.719	8.903	1474.0	4.287	34.955	27.720	8.916
1375.0	4.324	34.953	27.715	8.888	1425.0	4.305	34.955	27.718	8.901	1475.0	4.287	34.955	27.720	8.917
1376.0	4.323	34.954	27.715	8.889	1426.0	4.305	34.955	27.718	8.902	1476.0	4.286	34.955	27.720	8.917
1377.0	4.323	34.953	27.715	8.889	1427.0	4.305	34.955	27.718	8.903	1477.0	4.286	34.955	27.720	8.917
1378.0	4.323	34.953	27.715	8.889	1428.0	4.305	34.955	27.718	8.902	1478.0	4.285	34.956	27.721	8.917
1379.0	4.323	34.953	27.715	8.889	1429.0	4.305	34.955	27.719	8.902	1479.0	4.285	34.955	27.720	8.917
1380.0	4.322	34.953	27.715	8.890	1430.0	4.305	34.955	27.718	8.903	1480.0	4.284	34.956	27.721	8.918
1381.0	4.322	34.952	27.714	8.890	1431.0	4.305	34.954	27.718	8.903	1481.0	4.284	34.955	27.721	8.918
1382.0	4.321	34.953	27.715	8.890	1432.0	4.305	34.955	27.718	8.902	1482.0	4.283	34.955	27.720	8.918
1383.0	4.321	34.953	27.715	8.891	1433.0	4.305	34.955	27.718	8.902	1483.0	4.283	34.955	27.721	8.917
1384.0	4.321	34.953	27.715	8.891	1434.0	4.304	34.954	27.718	8.903	1484.0	4.282	34.956	27.721	8.919
1385.0	4.321	34.953	27.715	8.891	1435.0	4.303	34.955	27.718	8.902	1485.0	4.282	34.956	27.721	8.922
1386.0	4.320	34.954	27.715	8.891	1436.0	4.302	34.955	27.718	8.903	1486.0	4.282	34.956	27.721	8.921
1387.0	4.321	34.952	27.714	8.893	1437.0	4.302	34.955	27.719	8.904	1487.0	4.282	34.956	27.721	8.922
1388.0	4.319	34.954	27.716	8.892	1438.0	4.301	34.955	27.719	8.905	1488.0	4.282	34.955	27.721	8.921
1389.0	4.318	34.953	27.715	8.892	1439.0	4.302	34.955	27.718	8.903	1489.0	4.282	34.956	27.721	8.923
1390.0	4.317	34.953	27.716	8.893	1440.0	4.302	34.955	27.718	8.905	1490.0	4.282	34.955	27.721	8.922
1391.0	4.316	34.954	27.716	8.893	1441.0	4.301	34.955	27.719	8.906	1491.0	4.282	34.956	27.721	8.924
1392.0	4.316	34.954	27.716	8.893	1442.0	4.301	34.955	27.718	8.907	1492.0	4.282	34.956	27.721	8.925
1393.0	4.315	34.954	27.717	8.894	1443.0	4.301	34.955	27.719	8.905	1493.0	4.281	34.956	27.721	8.926
1394.0	4.316	34.953	27.716	8.893	1444.0	4.300	34.955	27.719	8.905	1494.0	4.281	34.956	27.721	8.947
1395.0	4.315	34.954	27.716	8.894	1445.0	4.300	34.955	27.719	8.907	1497.0	4.278	34.956	27.722	8.974
1396.0	4.315	34.953	27.716	8.894	1446.0	4.300	34.955	27.719	8.906	1498.0	4.277	34.957	27.722	8.978
1397.0	4.315	34.953	27.716	8.893	1447.0	4.299	34.955	27.719	8.907	1499.0	4.273	34.956	27.722	8.979
1398.0	4.314	34.954	27.717	8.895	1448.0	4.299	34.955	27.719	8.907	1500.0	4.277	34.957	27.722	8.979
1399.0	4.314	34.953	27.716	8.894	1449.0	4.298	34.955	27.719	8.907	1501.0	4.277	34.956	27.722	8.980
1400.0	4.313	34.953	27.716	8.896	1450.0	4.298	34.955	27.719	8.907	1502.0	4.276	34.956	27.722	8.980
1401.0	4.312	34.954	27.717	8.895	1451.0	4.298	34.955	27.719	8.908	1503.0	4.275	34.957	27.723	8.980
1402.0	4.312	34.954	27.717	8.897	1452.0	4.298	34.954	27.718	8.908	1504.0	4.276	34.956	27.722	8.980
1403.0	4.312	34.955	27.717	8.896	1453.0	4.297	34.955	27.719	8.907	1505.0	4.275	34.957	27.722	8.980
1404.0	4.311	34.954	27.717	8.896	1454.0	4.296	34.956	27.720	8.910	1506.0	4.275	34.956	27.722	8.981
1405.0	4.311	34.954	27.717	8.896	1455.0	4.295	34.955	27.719	8.911	1507.0	4.275	34.956	27.722	8.981
1406.0	4.311	34.953	27.716	8.897	1456.0	4.295	34.955	27.719	8.909	1508.0	4.275	34.956	27.722	8.983
1407.0	4.309	34.955	27.717	8.897	1457.0	4.295	34.955	27.719	8.908	1509.0	4.275	34.956	27.722	8.982
1408.0	4.310	34.954	27.717	8.896	1458.0	4.294	34.955	27.719	8.910	1510.0	4.274	34.957	27.723	8.985
1409.0	4.309	34.955	27.718	8.897	1459.0	4.294	34.955	27.720	8.910	1511.0	4.274	34.957	27.723	8.984
1410.0	4.310	34.954	27.717	8.897	1460.0	4.294	34.955	27.720	8.913	1512.0	4.275	34.956	27.722	8.983
1411.0	4.309	34.954	27.716	8.898	1461.0	4.293	34.955	27.720	8.912	1513.0	4.274	34.957	27.723	8.984
1412.0	4.307	34.955	27.718	8.898	1462.0	4.291	34.956	27.720	8.913	1514.0	4.274	34.956	27.722	8.986
1413.0	4.307	34.954	27.718	8.897	1463.0	4.292	34.955	27.720	8.913	1515.0	4.274	34.957	27.723	8.984

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
1516.0	4.274	34.956	27.723	8.986	1566.0	4.265	34.958	27.724	9.005	1616.0	4.256	34.959	27.726	9.023
1517.0	4.273	34.957	27.723	8.985	1567.0	4.265	34.958	27.724	9.005	1617.0	4.257	34.958	27.726	9.022
1518.0	4.274	34.957	27.723	8.986	1568.0	4.266	34.957	27.724	9.005	1618.0	4.257	34.958	27.726	9.023
1519.0	4.274	34.957	27.723	8.988	1569.0	4.266	34.957	27.724	9.006	1619.0	4.257	34.958	27.726	9.022
1520.0	4.273	34.957	27.723	8.987	1570.0	4.265	34.957	27.724	9.005	1620.0	4.257	34.958	27.726	9.023
1521.0	4.272	34.957	27.723	8.986	1571.0	4.265	34.958	27.724	9.006	1621.0	4.257	34.959	27.726	9.024
1522.0	4.273	34.956	27.723	8.990	1572.0	4.265	34.957	27.724	9.007	1622.0	4.258	34.958	27.725	9.024
1523.0	4.272	34.957	27.723	8.989	1573.0	4.264	34.958	27.725	9.007	1623.0	4.258	34.958	27.725	9.025
1524.0	4.273	34.956	27.723	8.990	1574.0	4.264	34.958	27.724	9.007	1624.0	4.258	34.958	27.726	9.023
1525.0	4.272	34.957	27.723	8.989	1575.0	4.264	34.957	27.724	9.008	1625.0	4.258	34.958	27.725	9.024
1526.0	4.272	34.957	27.723	8.989	1576.0	4.263	34.959	27.725	9.008	1626.0	4.257	34.959	27.727	9.025
1527.0	4.273	34.957	27.723	8.990	1577.0	4.263	34.958	27.725	9.009	1627.0	4.258	34.958	27.726	9.025
1528.0	4.272	34.957	27.723	8.991	1578.0	4.263	34.958	27.725	9.010	1628.0	4.258	34.958	27.726	9.026
1529.0	4.273	34.956	27.723	8.991	1579.0	4.263	34.958	27.725	9.010	1629.0	4.259	34.957	27.725	9.026
1530.0	4.272	34.957	27.723	8.990	1580.0	4.264	34.958	27.724	9.010	1630.0	4.258	34.958	27.726	9.025
1531.0	4.271	34.958	27.724	8.993	1581.0	4.264	34.957	27.724	9.011	1631.0	4.257	34.958	27.726	9.024
1532.0	4.272	34.957	27.723	8.992	1582.0	4.263	34.958	27.725	9.010	1632.0	4.257	34.958	27.726	9.028
1533.0	4.272	34.957	27.723	8.994	1583.0	4.262	34.958	27.725	9.010	1633.0	4.258	34.958	27.726	9.029
1534.0	4.272	34.957	27.723	8.994	1584.0	4.262	34.958	27.725	9.011	1634.0	4.257	34.958	27.726	9.028
1535.0	4.272	34.957	27.723	8.995	1585.0	4.260	34.958	27.725	9.011	1635.0	4.257	34.958	27.726	9.028
1536.0	4.271	34.957	27.723	8.994	1586.0	4.260	34.958	27.725	9.012	1636.0	4.256	34.958	27.726	9.028
1537.0	4.272	34.956	27.723	8.995	1587.0	4.260	34.958	27.725	9.011	1637.0	4.256	34.958	27.726	9.030
1538.0	4.270	34.957	27.724	8.994	1588.0	4.260	34.958	27.725	9.012	1638.0	4.256	34.958	27.726	9.029
1539.0	4.271	34.957	27.723	8.995	1589.0	4.260	34.958	27.725	9.015	1639.0	4.255	34.959	27.727	9.031
1540.0	4.271	34.957	27.723	8.996	1590.0	4.260	34.958	27.725	9.015	1640.0	4.255	34.957	27.726	9.032
1541.0	4.270	34.957	27.724	8.996	1591.0	4.259	34.958	27.726	9.014	1641.0	4.255	34.959	27.726	9.034
1542.0	4.270	34.957	27.723	8.998	1592.0	4.259	34.958	27.725	9.014	1642.0	4.255	34.958	27.726	9.034
1543.0	4.269	34.957	27.724	8.996	1593.0	4.259	34.958	27.726	9.015	1643.0	4.255	34.958	27.726	9.034
1544.0	4.269	34.957	27.723	8.998	1594.0	4.258	34.958	27.726	9.015	1644.0	4.255	34.958	27.726	9.035
1545.0	4.268	34.957	27.724	9.000	1595.0	4.258	34.959	27.726	9.014	1645.0	4.254	34.959	27.727	9.036
1546.0	4.267	34.957	27.724	8.998	1596.0	4.258	34.958	27.726	9.016	1646.0	4.254	34.959	27.726	9.035
1547.0	4.267	34.957	27.724	8.998	1597.0	4.258	34.958	27.726	9.017	1647.0	4.254	34.959	27.727	9.034
1548.0	4.267	34.957	27.724	9.001	1598.0	4.258	34.958	27.725	9.016	1648.0	4.254	34.959	27.726	9.035
1549.0	4.267	34.957	27.724	9.001	1599.0	4.258	34.958	27.726	9.016	1649.0	4.254	34.959	27.726	9.035
1550.0	4.266	34.958	27.724	9.000	1600.0	4.258	34.958	27.725	9.017	1650.0	4.254	34.958	27.726	9.035
1551.0	4.266	34.957	27.724	9.000	1601.0	4.257	34.959	27.726	9.018	1651.0	4.255	34.958	27.726	9.035
1552.0	4.266	34.957	27.724	9.002	1602.0	4.258	34.958	27.726	9.018	1652.0	4.254	34.959	27.727	9.036
1553.0	4.266	34.957	27.724	9.002	1603.0	4.258	34.958	27.726	9.019	1653.0	4.254	34.959	27.726	9.036
1554.0	4.265	34.957	27.724	9.004	1604.0	4.258	34.958	27.725	9.018	1654.0	4.254	34.959	27.726	9.034
1555.0	4.265	34.958	27.725	9.003	1605.0	4.257	34.958	27.726	9.020	1655.0	4.254	34.959	27.727	9.036
1556.0	4.265	34.957	27.724	9.004	1606.0	4.257	34.958	27.726	9.019	1656.0	4.255	34.958	27.726	9.036
1557.0	4.265	34.957	27.724	9.004	1607.0	4.257	34.956	27.726	9.019	1657.0	4.255	34.958	27.726	9.036
1558.0	4.265	34.957	27.724	9.005	1608.0	4.256	34.959	27.726	9.019	1658.0	4.254	34.959	27.726	9.039
1559.0	4.266	34.957	27.724	9.005	1609.0	4.257	34.959	27.726	9.020	1659.0	4.254	34.959	27.727	9.039
1560.0	4.266	34.956	27.724	9.004	1610.0	4.257	34.958	27.726	9.019	1660.0	4.254	34.958	27.726	9.038
1561.0	4.265	34.957	27.724	9.004	1611.0	4.257	34.958	27.726	9.020	1661.0	4.253	34.959	27.727	9.038
1562.0	4.265	34.957	27.724	9.005	1612.0	4.257	34.958	27.726	9.022	1662.0	4.253	34.959	27.727	9.039
1563.0	4.266	34.957	27.724	9.005	1613.0	4.257	34.958	27.726	9.021	1663.0	4.254	34.959	27.726	9.040
1564.0	4.266	34.957	27.724	9.004	1614.0	4.256	34.959	27.726	9.022	1664.0	4.254	34.959	27.726	9.042
1565.0	4.266	34.957	27.724	9.004	1615.0	4.256	34.958	27.726	9.022	1665.0	4.254	34.958	27.726	9.042

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 283
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSM
1666.0	4.253	34.959	27.727	9.041	1716.0	4.251	34.959	27.727	9.074	1766.0	4.247	34.960	27.729	9.086
1667.0	4.253	34.959	27.727	9.041	1717.0	4.250	34.960	27.728	9.076	1767.0	4.246	34.960	27.729	9.088
1668.0	4.253	34.960	27.728	9.042	1718.0	4.251	34.959	27.727	9.076	1768.0	4.247	34.960	27.729	9.088
1669.0	4.253	34.959	27.727	9.043	1719.0	4.251	34.959	27.728	9.075	1769.0	4.247	34.960	27.729	9.088
1670.0	4.253	34.959	27.727	9.041	1720.0	4.251	34.960	27.728	9.074	1770.0	4.247	34.960	27.729	9.088
1671.0	4.253	34.959	27.727	9.044	1721.0	4.251	34.959	27.727	9.074	1771.0	4.247	34.960	27.728	9.088
1672.0	4.253	34.959	27.727	9.043	1722.0	4.250	34.959	27.728	9.077	1772.0	4.247	34.960	27.728	9.088
1673.0	4.253	34.959	27.727	9.043	1723.0	4.250	34.960	27.728	9.077	1773.0	4.246	34.960	27.728	9.089
1674.0	4.253	34.959	27.727	9.044	1724.0	4.250	34.959	27.728	9.077	1774.0	4.246	34.960	27.729	9.090
1675.0	4.253	34.959	27.727	9.045	1725.0	4.250	34.960	27.728	9.075	1775.0	4.246	34.960	27.729	9.089
1676.0	4.253	34.959	27.727	9.044	1726.0	4.250	34.959	27.728	9.077	1776.0	4.246	34.960	27.729	9.092
1677.0	4.253	34.959	27.727	9.044	1727.0	4.249	34.960	27.728	9.077	1777.0	4.246	34.960	27.729	9.090
1678.0	4.252	34.960	27.728	9.047	1728.0	4.249	34.960	27.728	9.077	1778.0	4.246	34.960	27.729	9.089
1679.0	4.252	34.959	27.727	9.047	1729.0	4.250	34.959	27.728	9.078	1779.0	4.246	34.960	27.729	9.092
1680.0	4.253	34.959	27.727	9.047	1730.0	4.251	34.959	27.727	9.081	1780.0	4.246	34.960	27.729	9.091
1681.0	4.252	34.959	27.727	9.049	1731.0	4.250	34.960	27.728	9.079	1781.0	4.246	34.960	27.729	9.093
1682.0	4.252	34.959	27.727	9.048	1732.0	4.250	34.960	27.728	9.079	1782.0	4.246	34.960	27.729	9.093
1683.0	4.252	34.959	27.727	9.049	1733.0	4.250	34.960	27.728	9.079	1783.0	4.246	34.960	27.728	9.093
1684.0	4.252	34.959	27.727	9.049	1734.0	4.250	34.960	27.728	9.080	1784.0	4.246	34.960	27.729	9.092
1685.0	4.253	34.959	27.727	9.050	1735.0	4.250	34.959	27.728	9.080	1785.0	4.246	34.960	27.729	9.091
1686.0	4.253	34.959	27.727	9.050	1736.0	4.250	34.959	27.727	9.083	1786.0	4.246	34.960	27.729	9.092
1687.0	4.252	34.959	27.727	9.049	1737.0	4.250	34.959	27.728	9.081	1787.0	4.246	34.960	27.729	9.094
1688.0	4.253	34.959	27.727	9.050	1738.0	4.249	34.959	27.728	9.083	1788.0	4.246	34.960	27.729	9.091
1689.0	4.253	34.959	27.727	9.051	1739.0	4.250	34.959	27.728	9.081	1789.0	4.246	34.961	27.729	9.094
1690.0	4.252	34.959	27.727	9.054	1740.0	4.249	34.960	27.728	9.081	1790.0	4.246	34.960	27.729	9.093
1691.0	4.252	34.959	27.727	9.060	1741.0	4.250	34.958	27.727	9.082	1791.0	4.245	34.960	27.729	9.093
1692.0	4.252	34.959	27.727	9.062	1742.0	4.249	34.959	27.728	9.081	1792.0	4.245	34.960	27.728	9.095
1693.0	4.252	34.959	27.727	9.064	1743.0	4.249	34.959	27.728	9.081	1793.0	4.245	34.960	27.729	9.095
1694.0	4.252	34.959	27.727	9.063	1744.0	4.249	34.959	27.727	9.081	1794.0	4.245	34.960	27.729	9.095
1695.0	4.252	34.959	27.727	9.063	1745.0	4.248	34.959	27.728	9.080	1795.0	4.245	34.960	27.729	9.097
1696.0	4.252	34.959	27.727	9.063	1746.0	4.248	34.959	27.728	9.079	1796.0	4.245	34.961	27.729	9.097
1697.0	4.251	34.960	27.728	9.065	1747.0	4.248	34.959	27.728	9.081	1797.0	4.245	34.960	27.729	9.098
1698.0	4.251	34.959	27.727	9.064	1748.0	4.248	34.959	27.728	9.082	1798.0	4.245	34.960	27.728	9.098
1699.0	4.251	34.959	27.728	9.063	1749.0	4.248	34.960	27.728	9.082	1799.0	4.245	34.960	27.729	9.098
1700.0	4.251	34.959	27.727	9.063	1750.0	4.248	34.959	27.728	9.082	1800.0	4.245	34.960	27.728	9.097
1701.0	4.251	34.959	27.728	9.069	1751.0	4.248	34.959	27.728	9.083	1801.0	4.245	34.960	27.729	9.098
1702.0	4.251	34.959	27.727	9.068	1752.0	4.248	34.960	27.728	9.082	1802.0	4.245	34.960	27.729	9.097
1703.0	4.251	34.960	27.728	9.068	1753.0	4.248	34.959	27.728	9.083	1803.0	4.245	34.960	27.729	9.094
1704.0	4.251	34.960	27.728	9.070	1754.0	4.248	34.960	27.729	9.082	1804.0	4.246	34.959	27.728	9.097
1705.0	4.251	34.959	27.727	9.070	1755.0	4.248	34.959	27.728	9.081	1805.0	4.245	34.960	27.728	9.098
1706.0	4.251	34.960	27.728	9.070	1756.0	4.248	34.959	27.728	9.082	1806.0	4.245	34.960	27.728	9.098
1707.0	4.250	34.960	27.728	9.072	1757.0	4.248	34.959	27.728	9.085	1807.0	4.245	34.960	27.728	9.100
1708.0	4.251	34.959	27.727	9.070	1758.0	4.247	34.960	27.729	9.084	1808.0	4.244	34.960	27.729	9.099
1709.0	4.251	34.959	27.728	9.072	1759.0	4.248	34.959	27.728	9.086	1809.0	4.244	34.960	27.729	9.100
1710.0	4.250	34.960	27.728	9.073	1760.0	4.247	34.960	27.728	9.084	1810.0	4.245	34.960	27.728	9.101
1711.0	4.250	34.960	27.728	9.073	1761.0	4.247	34.960	27.728	9.085	1811.0	4.244	34.960	27.729	9.101
1712.0	4.250	34.960	27.728	9.071	1762.0	4.247	34.960	27.728	9.087	1812.0	4.244	34.960	27.729	9.101
1713.0	4.250	34.960	27.728	9.073	1763.0	4.248	34.959	27.728	9.087	1813.0	4.244	34.960	27.729	9.101
1714.0	4.250	34.960	27.728	9.073	1764.0	4.247	34.960	27.729	9.085	1814.0	4.244	34.960	27.729	9.102
1715.0	4.250	34.960	27.728	9.073	1765.0	4.247	34.960	27.729	9.087	1815.0	4.244	34.960	27.729	9.100

STATION SB013A.PLT:1 CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LMT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
1816.0	4.244	34.960	27.729	9.103	1866.0	4.241	34.961	27.729	9.116	1916.0	4.241	34.961	27.730	9.138
1817.0	4.244	34.960	27.729	9.102	1867.0	4.241	34.961	27.730	9.116	1917.0	4.241	34.961	27.730	9.138
1818.0	4.243	34.960	27.729	9.102	1868.0	4.241	34.961	27.730	9.118	1918.0	4.241	34.961	27.730	9.140
1819.0	4.243	34.960	27.729	9.101	1869.0	4.241	34.960	27.729	9.118	1919.0	4.241	34.961	27.730	9.139
1820.0	4.243	34.960	27.729	9.103	1870.0	4.241	34.961	27.730	9.117	1920.0	4.240	34.962	27.730	9.140
1821.0	4.243	34.960	27.729	9.104	1871.0	4.240	34.961	27.730	9.117	1921.0	4.241	34.960	27.729	9.141
1822.0	4.243	34.960	27.729	9.103	1872.0	4.241	34.961	27.730	9.118	1922.0	4.241	34.961	27.730	9.141
1823.0	4.242	34.960	27.729	9.103	1873.0	4.241	34.961	27.730	9.117	1923.0	4.241	34.961	27.730	9.141
1824.0	4.242	34.961	27.729	9.104	1874.0	4.241	34.961	27.730	9.117	1924.0	4.240	34.961	27.730	9.142
1825.0	4.242	34.960	27.729	9.104	1875.0	4.241	34.961	27.730	9.119	1925.0	4.241	34.961	27.730	9.142
1826.0	4.243	34.960	27.729	9.105	1876.0	4.241	34.961	27.729	9.118	1926.0	4.241	34.961	27.730	9.141
1827.0	4.242	34.960	27.729	9.105	1877.0	4.241	34.961	27.730	9.119	1927.0	4.241	34.961	27.729	9.141
1828.0	4.242	34.961	27.729	9.105	1878.0	4.240	34.961	27.730	9.118	1928.0	4.241	34.961	27.730	9.141
1829.0	4.242	34.961	27.729	9.107	1879.0	4.241	34.961	27.730	9.120	1929.0	4.241	34.961	27.730	9.143
1830.0	4.243	34.960	27.729	9.107	1880.0	4.241	34.961	27.730	9.121	1930.0	4.241	34.961	27.730	9.142
1831.0	4.243	34.960	27.729	9.108	1881.0	4.241	34.961	27.730	9.118	1931.0	4.241	34.961	27.730	9.143
1832.0	4.242	34.960	27.729	9.105	1882.0	4.241	34.961	27.729	9.119	1932.0	4.241	34.961	27.730	9.143
1833.0	4.243	34.960	27.729	9.106	1883.0	4.241	34.960	27.729	9.121	1933.0	4.241	34.961	27.730	9.144
1834.0	4.242	34.960	27.729	9.107	1884.0	4.241	34.961	27.729	9.120	1934.0	4.241	34.961	27.730	9.144
1835.0	4.242	34.960	27.729	9.107	1885.0	4.241	34.961	27.729	9.120	1935.0	4.242	34.961	27.729	9.143
1836.0	4.243	34.960	27.729	9.107	1886.0	4.241	34.961	27.730	9.122	1936.0	4.242	34.961	27.729	9.143
1837.0	4.242	34.960	27.729	9.107	1887.0	4.241	34.961	27.729	9.122	1937.0	4.242	34.961	27.729	9.144
1838.0	4.242	34.960	27.729	9.108	1888.0	4.241	34.961	27.729	9.121	1938.0	4.241	34.961	27.730	9.145
1839.0	4.241	34.961	27.729	9.109	1889.0	4.241	34.961	27.730	9.121	1939.0	4.241	34.961	27.730	9.144
1840.0	4.242	34.960	27.729	9.110	1890.0	4.241	34.961	27.729	9.122	1940.0	4.242	34.961	27.729	9.146
1841.0	4.241	34.961	27.729	9.111	1891.0	4.241	34.961	27.729	9.127	1941.0	4.241	34.962	27.730	9.147
1842.0	4.242	34.960	27.729	9.109	1892.0	4.241	34.961	27.730	9.132	1942.0	4.242	34.960	27.729	9.146
1843.0	4.242	34.960	27.729	9.109	1893.0	4.241	34.961	27.730	9.133	1943.0	4.242	34.960	27.729	9.146
1844.0	4.241	34.960	27.729	9.110	1894.0	4.241	34.961	27.730	9.132	1944.0	4.242	34.961	27.730	9.146
1845.0	4.242	34.960	27.729	9.110	1895.0	4.241	34.961	27.729	9.133	1945.0	4.242	34.961	27.730	9.146
1846.0	4.242	34.960	27.729	9.109	1896.0	4.241	34.961	27.730	9.135	1946.0	4.242	34.961	27.730	9.147
1847.0	4.242	34.960	27.729	9.111	1897.0	4.241	34.961	27.729	9.134	1947.0	4.241	34.961	27.730	9.146
1848.0	4.242	34.961	27.729	9.110	1898.0	4.241	34.961	27.730	9.133	1948.0	4.242	34.961	27.730	9.147
1849.0	4.242	34.960	27.729	9.111	1899.0	4.241	34.961	27.730	9.134	1949.0	4.242	34.961	27.730	9.147
1850.0	4.242	34.960	27.729	9.110	1900.0	4.241	34.961	27.730	9.135	1950.0	4.241	34.961	27.730	9.149
1851.0	4.242	34.960	27.729	9.111	1901.0	4.241	34.961	27.730	9.134	1951.0	4.242	34.961	27.730	9.147
1852.0	4.242	34.960	27.729	9.114	1902.0	4.241	34.961	27.730	9.135	1952.0	4.241	34.961	27.730	9.147
1853.0	4.242	34.961	27.729	9.109	1903.0	4.242	34.960	27.729	9.135	1953.0	4.242	34.961	27.730	9.146
1854.0	4.242	34.960	27.729	9.112	1904.0	4.241	34.961	27.730	9.136	1954.0	4.242	34.961	27.730	9.147
1855.0	4.242	34.960	27.729	9.112	1905.0	4.241	34.961	27.729	9.138	1955.0	4.242	34.961	27.730	9.149
1856.0	4.242	34.960	27.729	9.113	1906.0	4.241	34.961	27.730	9.136	1956.0	4.242	34.961	27.730	9.150
1857.0	4.242	34.961	27.729	9.113	1907.0	4.241	34.961	27.730	9.137	1957.0	4.242	34.961	27.729	9.150
1858.0	4.242	34.961	27.729	9.113	1908.0	4.242	34.961	27.729	9.136	1958.0	4.242	34.961	27.730	9.148
1859.0	4.242	34.961	27.729	9.113	1909.0	4.242	34.961	27.729	9.137	1959.0	4.242	34.961	27.730	9.151
1860.0	4.242	34.961	27.729	9.115	1910.0	4.241	34.961	27.729	9.137	1960.0	4.242	34.961	27.730	9.151
1861.0	4.242	34.961	27.729	9.113	1911.0	4.241	34.961	27.730	9.137	1961.0	4.242	34.961	27.730	9.152
1862.0	4.242	34.961	27.729	9.113	1912.0	4.241	34.961	27.730	9.138	1962.0	4.242	34.961	27.730	9.150
1863.0	4.242	34.961	27.729	9.112	1913.0	4.241	34.961	27.730	9.138	1963.0	4.242	34.961	27.730	9.151
1864.0	4.242	34.961	27.729	9.116	1914.0	4.240	34.962	27.730	9.136	1964.0	4.242	34.961	27.730	9.151
1865.0	4.241	34.961	27.730	9.116	1915.0	4.241	34.961	27.730	9.138	1965.0	4.242	34.962	27.730	9.151

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 86 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

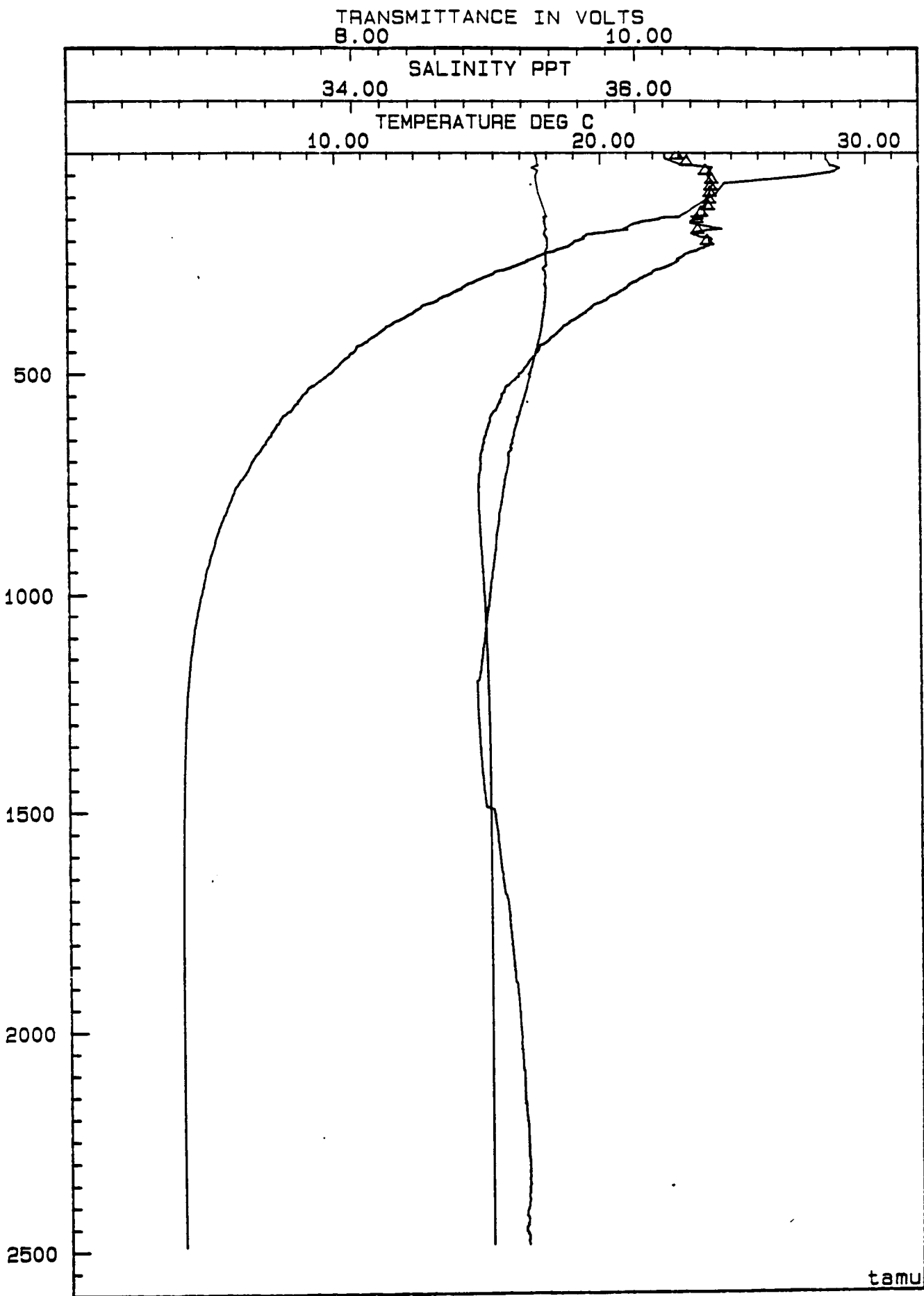
DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSH
1966.0	4.242	34.962	27.730	9.151	2016.0	4.245	34.962	27.730	9.162	2066.0	4.247	34.962	27.730	9.169
1967.0	4.242	34.962	27.730	9.151	2017.0	4.245	34.961	27.729	9.162	2067.0	4.247	34.962	27.730	9.170
1968.0	4.242	34.962	27.730	9.152	2018.0	4.245	34.962	27.730	9.162	2068.0	4.247	34.962	27.730	9.170
1969.0	4.242	34.961	27.730	9.153	2019.0	4.245	34.962	27.730	9.161	2069.0	4.247	34.962	27.730	9.171
1970.0	4.243	34.961	27.729	9.151	2020.0	4.245	34.961	27.729	9.162	2070.0	4.247	34.962	27.730	9.171
1971.0	4.243	34.962	27.730	9.151	2021.0	4.246	34.961	27.729	9.161	2071.0	4.247	34.962	27.730	9.172
1972.0	4.243	34.961	27.729	9.152	2022.0	4.246	34.961	27.729	9.160	2072.0	4.247	34.962	27.729	9.171
1973.0	4.243	34.961	27.730	9.151	2023.0	4.246	34.961	27.729	9.160	2073.0	4.247	34.962	27.730	9.170
1974.0	4.243	34.962	27.730	9.151	2024.0	4.247	34.961	27.729	9.160	2074.0	4.247	34.962	27.730	9.171
1975.0	4.243	34.961	27.730	9.152	2025.0	4.246	34.962	27.730	9.160	2075.0	4.246	34.962	27.730	9.171
1976.0	4.243	34.962	27.730	9.151	2026.0	4.246	34.962	27.730	9.161	2076.0	4.247	34.962	27.730	9.170
1977.0	4.243	34.961	27.730	9.152	2027.0	4.246	34.962	27.730	9.160	2077.0	4.247	34.962	27.730	9.171
1978.0	4.243	34.962	27.730	9.152	2028.0	4.246	34.962	27.730	9.161	2078.0	4.247	34.962	27.730	9.171
1979.0	4.243	34.962	27.730	9.152	2029.0	4.247	34.961	27.729	9.161	2079.0	4.247	34.962	27.730	9.171
1980.0	4.243	34.962	27.730	9.153	2030.0	4.247	34.962	27.730	9.158	2080.0	4.247	34.962	27.730	9.171
1981.0	4.243	34.962	27.730	9.151	2031.0	4.247	34.961	27.729	9.160	2081.0	4.246	34.963	27.731	9.172
1982.0	4.244	34.961	27.729	9.153	2032.0	4.246	34.962	27.730	9.160	2082.0	4.247	34.961	27.729	9.171
1983.0	4.243	34.962	27.730	9.152	2033.0	4.247	34.961	27.729	9.160	2083.0	4.247	34.962	27.730	9.172
1984.0	4.244	34.961	27.730	9.151	2034.0	4.247	34.961	27.729	9.161	2084.0	4.247	34.961	27.729	9.173
1985.0	4.243	34.962	27.730	9.152	2035.0	4.246	34.962	27.730	9.160	2085.0	4.247	34.962	27.730	9.171
1986.0	4.244	34.961	27.730	9.155	2036.0	4.246	34.962	27.730	9.160	2086.0	4.247	34.962	27.729	9.170
1987.0	4.244	34.961	27.730	9.154	2037.0	4.247	34.962	27.730	9.162	2087.0	4.248	34.961	27.729	9.174
1988.0	4.245	34.961	27.729	9.153	2038.0	4.247	34.962	27.730	9.162	2088.0	4.247	34.962	27.730	9.172
1989.0	4.244	34.961	27.730	9.154	2039.0	4.247	34.962	27.730	9.161	2089.0	4.247	34.962	27.730	9.172
1990.0	4.244	34.961	27.730	9.156	2040.0	4.247	34.962	27.730	9.161	2090.0	4.247	34.962	27.730	9.173
1991.0	4.244	34.961	27.730	9.155	2041.0	4.247	34.962	27.729	9.160	2091.0	4.247	34.962	27.730	9.173
1992.0	4.245	34.961	27.729	9.153	2042.0	4.247	34.962	27.730	9.162	2092.0	4.247	34.962	27.729	9.173
1993.0	4.244	34.962	27.730	9.157	2043.0	4.246	34.962	27.730	9.162	2093.0	4.247	34.962	27.729	9.178
1994.0	4.244	34.961	27.730	9.157	2044.0	4.246	34.962	27.730	9.159	2096.0	4.247	34.962	27.730	9.181
1995.0	4.244	34.962	27.730	9.156	2045.0	4.247	34.962	27.730	9.165	2097.0	4.247	34.962	27.730	9.181
1996.0	4.244	34.961	27.730	9.158	2046.0	4.246	34.962	27.730	9.166	2098.0	4.247	34.962	27.730	9.180
1997.0	4.244	34.962	27.730	9.157	2047.0	4.246	34.962	27.730	9.166	2099.0	4.247	34.962	27.730	9.181
1998.0	4.244	34.962	27.730	9.156	2048.0	4.247	34.962	27.730	9.167	2100.0	4.247	34.962	27.730	9.181
1999.0	4.245	34.961	27.729	9.157	2049.0	4.247	34.962	27.729	9.166	2101.0	4.247	34.962	27.730	9.179
2000.0	4.245	34.961	27.729	9.157	2050.0	4.247	34.961	27.729	9.165	2102.0	4.247	34.962	27.730	9.181
2001.0	4.244	34.961	27.730	9.157	2051.0	4.247	34.962	27.729	9.166	2103.0	4.247	34.962	27.730	9.181
2002.0	4.245	34.961	27.729	9.158	2052.0	4.246	34.962	27.730	9.167	2104.0	4.247	34.962	27.730	9.180
2003.0	4.245	34.961	27.729	9.159	2053.0	4.247	34.962	27.730	9.166	2105.0	4.248	34.961	27.729	9.180
2004.0	4.244	34.962	27.730	9.160	2054.0	4.247	34.961	27.729	9.166	2106.0	4.248	34.962	27.730	9.181
2005.0	4.245	34.961	27.730	9.160	2055.0	4.247	34.961	27.729	9.165	2107.0	4.248	34.962	27.729	9.182
2006.0	4.245	34.961	27.729	9.160	2056.0	4.247	34.961	27.729	9.167	2108.0	4.248	34.962	27.730	9.181
2007.0	4.244	34.962	27.730	9.161	2057.0	4.247	34.962	27.730	9.169	2109.0	4.248	34.961	27.729	9.180
2008.0	4.245	34.961	27.730	9.161	2058.0	4.247	34.962	27.730	9.167	2110.0	4.248	34.962	27.730	9.181
2009.0	4.245	34.961	27.729	9.160	2059.0	4.247	34.962	27.730	9.166	2111.0	4.247	34.962	27.730	9.181
2010.0	4.245	34.961	27.729	9.159	2060.0	4.247	34.961	27.729	9.168	2112.0	4.248	34.962	27.730	9.181
2011.0	4.245	34.961	27.729	9.160	2061.0	4.248	34.961	27.729	9.168	2113.0	4.248	34.962	27.730	9.181
2012.0	4.245	34.961	27.730	9.160	2062.0	4.247	34.962	27.730	9.169	2114.0	4.248	34.962	27.730	9.180
2013.0	4.245	34.961	27.729	9.162	2063.0	4.247	34.962	27.730	9.169	2115.0	4.248	34.962	27.730	9.182
2014.0	4.245	34.961	27.729	9.161	2064.0	4.247	34.962	27.730	9.168	2116.0	4.248	34.962	27.730	9.181
2015.0	4.245	34.961	27.729	9.160	2065.0	4.247	34.962	27.729	9.169	2117.0	4.248	34.962	27.729	9.181

STATION SB013A.PLT:: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 288
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2118.0	4.248	34.962	27.730	9.183	2168.0	4.250	34.962	27.730	9.183	2218.0	4.254	34.963	27.729	9.204
2119.0	4.249	34.962	27.729	9.182	2169.0	4.250	34.963	27.730	9.190	2219.0	4.254	34.963	27.730	9.205
2120.0	4.248	34.962	27.730	9.181	2170.0	4.251	34.962	27.729	9.191	2220.0	4.254	34.963	27.730	9.202
2121.0	4.248	34.962	27.730	9.182	2171.0	4.251	34.963	27.730	9.190	2221.0	4.254	34.963	27.730	9.203
2122.0	4.249	34.962	27.729	9.181	2172.0	4.251	34.963	27.730	9.192	2222.0	4.255	34.962	27.729	9.204
2123.0	4.248	34.962	27.730	9.182	2173.0	4.251	34.963	27.730	9.193	2223.0	4.255	34.963	27.729	9.204
2124.0	4.249	34.962	27.729	9.181	2174.0	4.251	34.963	27.730	9.191	2224.0	4.254	34.962	27.729	9.205
2125.0	4.249	34.962	27.730	9.183	2175.0	4.252	34.962	27.729	9.193	2225.0	4.255	34.962	27.729	9.205
2126.0	4.249	34.962	27.729	9.181	2176.0	4.251	34.962	27.730	9.191	2226.0	4.254	34.963	27.730	9.205
2127.0	4.249	34.962	27.730	9.181	2177.0	4.252	34.962	27.729	9.192	2227.0	4.255	34.963	27.730	9.205
2128.0	4.249	34.962	27.729	9.183	2178.0	4.251	34.963	27.730	9.191	2228.0	4.255	34.962	27.729	9.205
2129.0	4.249	34.962	27.729	9.180	2179.0	4.252	34.963	27.730	9.193	2229.0	4.255	34.963	27.730	9.204
2130.0	4.249	34.962	27.729	9.182	2180.0	4.252	34.962	27.729	9.193	2230.0	4.255	34.963	27.729	9.204
2131.0	4.249	34.962	27.729	9.182	2181.0	4.252	34.962	27.730	9.194	2231.0	4.255	34.962	27.729	9.205
2132.0	4.249	34.962	27.730	9.184	2182.0	4.252	34.962	27.729	9.192	2232.0	4.255	34.962	27.729	9.205
2133.0	4.249	34.962	27.729	9.182	2183.0	4.252	34.962	27.729	9.192	2233.0	4.255	34.963	27.729	9.205
2134.0	4.250	34.962	27.729	9.184	2184.0	4.252	34.962	27.730	9.193	2234.0	4.255	34.962	27.729	9.206
2135.0	4.249	34.962	27.729	9.184	2185.0	4.252	34.962	27.730	9.192	2235.0	4.255	34.963	27.730	9.206
2136.0	4.250	34.962	27.729	9.185	2186.0	4.252	34.963	27.730	9.194	2236.0	4.255	34.962	27.729	9.205
2137.0	4.249	34.962	27.730	9.184	2187.0	4.252	34.962	27.729	9.195	2237.0	4.255	34.963	27.730	9.206
2138.0	4.249	34.962	27.730	9.183	2188.0	4.252	34.963	27.730	9.195	2238.0	4.255	34.963	27.730	9.205
2139.0	4.250	34.962	27.729	9.184	2189.0	4.252	34.963	27.730	9.196	2239.0	4.255	34.963	27.729	9.205
2140.0	4.249	34.962	27.730	9.181	2190.0	4.253	34.962	27.729	9.195	2240.0	4.256	34.962	27.729	9.205
2141.0	4.250	34.962	27.729	9.182	2191.0	4.253	34.962	27.730	9.195	2241.0	4.256	34.963	27.729	9.206
2142.0	4.249	34.963	27.730	9.183	2192.0	4.253	34.962	27.729	9.196	2242.0	4.255	34.963	27.730	9.206
2143.0	4.250	34.962	27.730	9.183	2193.0	4.253	34.963	27.730	9.195	2243.0	4.256	34.963	27.729	9.207
2144.0	4.250	34.962	27.729	9.184	2194.0	4.253	34.962	27.730	9.196	2244.0	4.256	34.962	27.729	9.206
2145.0	4.249	34.963	27.730	9.184	2195.0	4.253	34.963	27.730	9.196	2245.0	4.256	34.963	27.729	9.206
2146.0	4.250	34.962	27.730	9.183	2196.0	4.253	34.963	27.730	9.196	2246.0	4.256	34.963	27.729	9.207
2147.0	4.250	34.962	27.730	9.184	2197.0	4.253	34.962	27.730	9.195	2247.0	4.256	34.963	27.730	9.208
2148.0	4.250	34.962	27.730	9.182	2198.0	4.253	34.962	27.729	9.197	2248.0	4.256	34.963	27.729	9.206
2149.0	4.250	34.962	27.729	9.182	2199.0	4.253	34.963	27.730	9.198	2249.0	4.256	34.963	27.730	9.208
2150.0	4.250	34.962	27.730	9.184	2200.0	4.253	34.963	27.730	9.199	2250.0	4.256	34.963	27.729	9.207
2151.0	4.250	34.962	27.730	9.184	2201.0	4.253	34.962	27.730	9.199	2251.0	4.256	34.963	27.730	9.207
2152.0	4.250	34.962	27.730	9.185	2202.0	4.253	34.962	27.730	9.199	2252.0	4.256	34.963	27.729	9.206
2153.0	4.250	34.962	27.730	9.184	2203.0	4.253	34.963	27.730	9.199	2253.0	4.257	34.962	27.729	9.207
2154.0	4.250	34.962	27.730	9.185	2204.0	4.253	34.962	27.730	9.199	2254.0	4.257	34.963	27.730	9.208
2155.0	4.250	34.962	27.729	9.185	2205.0	4.254	34.963	27.730	9.200	2255.0	4.257	34.963	27.729	9.209
2156.0	4.251	34.962	27.729	9.186	2206.0	4.254	34.962	27.730	9.199	2256.0	4.257	34.963	27.729	9.207
2157.0	4.250	34.962	27.730	9.185	2207.0	4.254	34.962	27.729	9.197	2257.0	4.257	34.963	27.729	9.209
2158.0	4.250	34.962	27.730	9.184	2208.0	4.254	34.962	27.729	9.200	2258.0	4.257	34.963	27.729	9.207
2159.0	4.250	34.962	27.730	9.182	2209.0	4.254	34.962	27.729	9.198	2259.0	4.257	34.962	27.729	9.209
2160.0	4.250	34.963	27.730	9.186	2210.0	4.254	34.962	27.729	9.200	2260.0	4.257	34.963	27.729	9.208
2161.0	4.250	34.962	27.730	9.185	2211.0	4.254	34.963	27.730	9.201	2261.0	4.257	34.963	27.729	9.209
2162.0	4.250	34.962	27.730	9.184	2212.0	4.254	34.963	27.730	9.202	2262.0	4.257	34.963	27.729	9.209
2163.0	4.250	34.962	27.730	9.183	2213.0	4.254	34.963	27.730	9.202	2263.0	4.256	34.963	27.729	9.209
2164.0	4.250	34.963	27.730	9.189	2214.0	4.254	34.962	27.730	9.201	2264.0	4.257	34.963	27.729	9.209
2165.0	4.250	34.963	27.730	9.190	2215.0	4.254	34.962	27.730	9.203	2265.0	4.257	34.963	27.729	9.207
2166.0	4.250	34.963	27.730	9.189	2216.0	4.254	34.962	27.729	9.202	2266.0	4.257	34.963	27.730	9.207
2167.0	4.250	34.962	27.730	9.190	2217.0	4.254	34.962	27.729	9.204	2267.0	4.253	34.963	27.729	9.210

STATION SB013A.PLT: CRUISE 90G15 DATE & TIME Mon Oct 15 07:38:55 1990, Julian day = 283
 LAT 25 40.15 N LON 88 40.12 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2268.0	4.258	34.963	27.729	9.210	2320.0	4.261	34.963	27.729	9.216	2370.0	4.265	34.963	27.729	9.215
2269.0	4.258	34.962	27.729	9.210	2321.0	4.262	34.962	27.728	9.215	2371.0	4.264	34.963	27.729	9.211
2270.0	4.258	34.963	27.729	9.208	2322.0	4.262	34.962	27.729	9.211	2372.0	4.265	34.963	27.729	9.210
2271.0	4.259	34.962	27.729	9.209	2323.0	4.262	34.963	27.729	9.216	2373.0	4.265	34.963	27.729	9.210
2272.0	4.258	34.963	27.729	9.208	2324.0	4.262	34.963	27.729	9.215	2374.0	4.265	34.963	27.729	9.209
2273.0	4.258	34.963	27.729	9.209	2325.0	4.262	34.963	27.729	9.214	2375.0	4.265	34.963	27.729	9.208
2274.0	4.259	34.962	27.729	9.209	2326.0	4.262	34.963	27.729	9.215	2376.0	4.265	34.963	27.729	9.209
2275.0	4.258	34.963	27.729	9.209	2327.0	4.262	34.962	27.728	9.216	2377.0	4.265	34.963	27.729	9.208
2276.0	4.259	34.963	27.729	9.209	2328.0	4.262	34.963	27.729	9.216	2378.0	4.265	34.963	27.729	9.209
2277.0	4.259	34.963	27.729	9.209	2329.0	4.262	34.963	27.729	9.216	2379.0	4.265	34.963	27.729	9.208
2278.0	4.259	34.963	27.729	9.209	2330.0	4.262	34.963	27.729	9.216	2380.0	4.265	34.963	27.729	9.209
2279.0	4.259	34.962	27.729	9.209	2331.0	4.263	34.963	27.729	9.216	2381.0	4.265	34.964	27.729	9.209
2280.0	4.259	34.963	27.729	9.209	2332.0	4.262	34.963	27.729	9.215	2382.0	4.265	34.963	27.729	9.211
2281.0	4.259	34.963	27.729	9.210	2333.0	4.261	34.964	27.730	9.215	2383.0	4.265	34.963	27.729	9.212
2282.0	4.259	34.963	27.729	9.209	2334.0	4.263	34.963	27.729	9.217	2384.0	4.266	34.963	27.729	9.210
2283.0	4.260	34.962	27.728	9.209	2335.0	4.262	34.963	27.729	9.215	2385.0	4.265	34.963	27.729	9.211
2284.0	4.259	34.963	27.729	9.210	2336.0	4.262	34.963	27.729	9.215	2386.0	4.266	34.963	27.729	9.211
2285.0	4.260	34.962	27.729	9.210	2337.0	4.263	34.963	27.729	9.213	2387.0	4.265	34.964	27.729	9.211
2286.0	4.259	34.963	27.729	9.210	2338.0	4.262	34.963	27.729	9.215	2388.0	4.266	34.963	27.729	9.211
2287.0	4.259	34.963	27.729	9.209	2339.0	4.263	34.962	27.729	9.213	2389.0	4.266	34.963	27.729	9.212
2288.0	4.259	34.963	27.729	9.209	2340.0	4.263	34.963	27.729	9.215	2390.0	4.266	34.963	27.729	9.211
2289.0	4.260	34.962	27.729	9.211	2341.0	4.262	34.964	27.729	9.214	2391.0	4.266	34.963	27.729	9.210
2290.0	4.260	34.962	27.729	9.210	2342.0	4.264	34.962	27.728	9.215	2392.0	4.266	34.963	27.729	9.208
2291.0	4.260	34.962	27.729	9.210	2343.0	4.264	34.963	27.729	9.216	2393.0	4.266	34.963	27.729	9.209
2292.0	4.260	34.962	27.729	9.210	2344.0	4.263	34.963	27.729	9.215	2394.0	4.266	34.963	27.729	9.209
2293.0	4.260	34.962	27.729	9.213	2345.0	4.263	34.963	27.729	9.214	2395.0	4.266	34.963	27.729	9.208
2294.0	4.260	34.963	27.729	9.215	2346.0	4.263	34.963	27.729	9.216	2396.0	4.266	34.963	27.729	9.208
2297.0	4.260	34.963	27.729	9.214	2347.0	4.264	34.963	27.729	9.217	2397.0	4.267	34.963	27.728	9.208
2298.0	4.260	34.963	27.729	9.216	2348.0	4.263	34.963	27.729	9.217	2398.0	4.266	34.964	27.729	9.209
2299.0	4.260	34.963	27.729	9.214	2349.0	4.263	34.963	27.729	9.215	2399.0	4.267	34.963	27.728	9.209
2300.0	4.260	34.963	27.729	9.213	2350.0	4.264	34.963	27.729	9.217	2400.0	4.267	34.963	27.729	9.209
2301.0	4.261	34.962	27.729	9.215	2351.0	4.264	34.963	27.728	9.220	2401.0	4.267	34.963	27.728	9.208
2302.0	4.260	34.963	27.729	9.217	2352.0	4.263	34.963	27.729	9.218	2402.0	4.267	34.963	27.728	9.207
2303.0	4.260	34.963	27.729	9.216	2353.0	4.264	34.962	27.728	9.216	2403.0	4.267	34.963	27.728	9.205
2304.0	4.260	34.963	27.729	9.216	2354.0	4.264	34.963	27.729	9.214	2404.0	4.267	34.964	27.729	9.204
2305.0	4.260	34.963	27.729	9.216	2355.0	4.264	34.962	27.728	9.215	2405.0	4.267	34.963	27.729	9.203
2306.0	4.260	34.963	27.729	9.216	2356.0	4.264	34.963	27.729	9.212	2406.0	4.267	34.963	27.729	9.200
2307.0	4.260	34.963	27.729	9.214	2357.0	4.264	34.963	27.729	9.212	2407.0	4.267	34.964	27.729	9.201
2308.0	4.261	34.962	27.729	9.215	2358.0	4.264	34.963	27.729	9.210	2408.0	4.268	34.963	27.729	9.201
2309.0	4.261	34.963	27.729	9.215	2359.0	4.264	34.963	27.729	9.211	2409.0	4.268	34.963	27.728	9.201
2310.0	4.261	34.963	27.729	9.214	2360.0	4.264	34.963	27.729	9.213	2410.0	4.267	34.963	27.729	9.199
2311.0	4.261	34.963	27.729	9.216	2361.0	4.264	34.963	27.729	9.212	2411.0	4.267	34.963	27.729	9.197
2312.0	4.261	34.963	27.729	9.216	2362.0	4.264	34.963	27.729	9.214	2412.0	4.268	34.963	27.729	9.197
2313.0	4.261	34.962	27.729	9.216	2363.0	4.264	34.964	27.729	9.213	2413.0	4.268	34.963	27.728	9.194
2314.0	4.261	34.963	27.729	9.217	2364.0	4.264	34.963	27.729	9.212	2414.0	4.268	34.963	27.729	9.195
2315.0	4.261	34.963	27.729	9.217	2365.0	4.264	34.963	27.728	9.213	2415.0	4.268	34.963	27.729	9.196
2316.0	4.261	34.963	27.729	9.217	2366.0	4.264	34.963	27.729	9.212	2416.0	4.268	34.963	27.729	9.195
2317.0	4.261	34.963	27.729	9.216	2367.0	4.264	34.963	27.729	9.213	2417.0	4.268	34.963	27.729	9.195
2318.0	4.262	34.963	27.729	9.216	2368.0	4.264	34.963	27.729	9.213	2418.0	4.268	34.964	27.729	9.194
2319.0	4.261	34.963	27.729	9.216	2369.0	4.265	34.963	27.729	9.212	2419.0	4.268	34.963	27.729	9.193



CRUIS

STATION: SB013A.P DATE: Oct 15 07:38:55 1990

LATITUDE: 25 40.15 N LONGITUDE: 88 40.12 W

TRIANGLES DENOTE DISCRETE SAMPLES

STATION SB015.PLT::C CRUISE 90g15 DATE & TIME Mon Oct 15 14:34:17 1990, Julian day = 288
 LAT 25 19.4 LON 87 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII	DEPTH	TEMP	SALT	SIGMA-T	XSII
3.0	28.768	36.260	23.091	9.305	53.0	28.765	36.264	23.094	9.320	104.0	24.173	36.780	24.940	9.343
4.0	28.760	36.259	23.093	9.307	54.0	28.765	36.264	23.094	9.319	105.0	24.139	36.786	24.954	9.340
5.0	28.759	36.259	23.093	9.305	55.0	28.766	36.265	23.095	9.319	106.0	24.072	36.781	24.971	9.337
6.0	28.759	36.260	23.093	9.306	56.0	28.768	36.269	23.097	9.318	107.0	24.040	36.776	24.977	9.335
7.0	28.758	36.260	23.094	9.306	57.0	28.771	36.274	23.100	9.317	108.0	23.891	36.737	24.991	9.331
8.0	28.758	36.260	23.094	9.306	58.0	28.772	36.303	23.121	9.313	109.0	23.697	36.707	25.029	9.328
9.0	28.758	36.260	23.094	9.307	59.0	28.487	36.419	23.303	9.297	110.0	23.508	36.667	25.052	9.328
10.0	28.757	36.260	23.094	9.308	60.0	28.242	36.442	23.402	9.299	111.0	23.188	36.633	25.120	9.332
11.0	28.758	36.260	23.094	9.309	61.0	27.783	36.415	23.531	9.292	112.0	22.996	36.630	25.173	9.338
12.0	28.758	36.260	23.094	9.309	62.0	27.347	36.394	23.658	9.290	113.0	22.863	36.638	25.218	9.346
13.0	28.758	36.260	23.094	9.312	63.0	27.021	36.375	23.749	9.281	114.0	22.710	36.613	25.243	9.346
14.0	28.759	36.260	23.093	9.313	64.0	26.690	36.392	23.868	9.283	115.0	22.450	36.575	25.289	9.347
15.0	28.757	36.260	23.094	9.312	65.0	26.498	36.410	23.942	9.290	116.0	22.310	36.562	25.319	9.351
16.0	28.758	36.260	23.094	9.314	66.0	26.353	36.438	24.010	9.295	117.0	22.264	36.549	25.322	9.351
17.0	28.758	36.260	23.094	9.314	67.0	26.273	36.517	24.094	9.297	118.0	22.219	36.541	25.329	9.352
18.0	28.758	36.260	23.094	9.314	68.0	26.129	36.528	24.148	9.297	119.0	22.137	36.534	25.346	9.353
19.0	28.758	36.260	23.094	9.315	69.0	26.009	36.535	24.192	9.293	120.0	21.986	36.578	25.423	9.356
20.0	28.757	36.260	23.094	9.315	70.0	25.922	36.538	24.221	9.294	121.0	21.985	36.606	25.445	9.359
21.0	28.757	36.260	23.094	9.316	71.0	25.875	36.540	24.237	9.296	122.0	21.899	36.581	25.450	9.359
22.0	28.758	36.261	23.094	9.316	72.0	25.830	36.537	24.249	9.298	123.0	21.737	36.553	25.474	9.358
23.0	28.759	36.261	23.094	9.314	73.0	25.735	36.535	24.277	9.298	124.0	21.471	36.499	25.507	9.356
24.0	28.758	36.261	23.095	9.316	74.0	25.658	36.537	24.302	9.302	125.0	21.280	36.468	25.536	9.356
25.0	28.758	36.261	23.094	9.316	75.0	25.610	36.536	24.316	9.302	126.0	21.284	36.521	25.575	9.357
26.0	28.757	36.260	23.094	9.316	76.0	25.550	36.535	24.334	9.304	127.0	21.457	36.613	25.597	9.356
27.0	28.757	36.260	23.094	9.316	77.0	25.485	36.535	24.355	9.305	128.0	21.536	36.629	25.588	9.356
28.0	28.756	36.259	23.094	9.317	78.0	25.428	36.533	24.371	9.308	130.0	21.336	36.603	25.624	9.354
29.0	28.756	36.259	23.094	9.317	79.0	25.316	36.530	24.403	9.309	131.0	21.247	36.597	25.644	9.357
30.0	28.757	36.260	23.094	9.316	81.0	25.144	36.536	24.460	9.312	132.0	21.120	36.575	25.662	9.358
31.0	28.759	36.261	23.094	9.315	82.0	25.090	36.535	24.476	9.313	133.0	20.999	36.583	25.701	9.354
32.0	28.760	36.261	23.094	9.317	83.0	25.049	36.537	24.490	9.314	134.0	20.955	36.598	25.725	9.358
33.0	28.760	36.261	23.094	9.316	84.0	25.019	36.536	24.499	9.313	135.0	20.797	36.555	25.736	9.359
34.0	28.760	36.261	23.094	9.315	85.0	24.997	36.535	24.505	9.311	136.0	20.611	36.519	25.759	9.361
35.0	28.761	36.262	23.094	9.317	86.0	24.958	36.531	24.514	9.313	137.0	20.422	36.488	25.786	9.364
36.0	28.761	36.261	23.094	9.317	87.0	24.874	36.524	24.534	9.316	138.0	20.325	36.478	25.804	9.371
37.0	28.760	36.262	23.095	9.317	88.0	24.794	36.524	24.558	9.320	149.0	19.551	36.425	25.969	9.368
38.0	28.760	36.262	23.095	9.317	89.0	24.722	36.514	24.573	9.316	150.0	19.697	36.494	25.983	9.372
39.0	28.761	36.263	23.095	9.315	90.0	24.647	36.504	24.587	9.314	151.0	19.592	36.473	25.995	9.373
40.0	28.762	36.263	23.095	9.316	91.0	24.573	36.488	24.598	9.315	152.0	19.421	36.459	26.029	9.375
41.0	28.762	36.263	23.095	9.317	92.0	24.469	36.487	24.629	9.316	153.0	19.333	36.455	26.049	9.375
42.0	28.761	36.262	23.095	9.318	93.0	24.407	36.492	24.651	9.316	154.0	19.261	36.482	26.083	9.377
43.0	28.762	36.262	23.094	9.318	94.0	24.311	36.487	24.676	9.314	155.0	19.275	36.513	26.108	9.376
44.0	28.762	36.263	23.095	9.315	95.0	24.207	36.486	24.707	9.308	156.0	19.282	36.524	26.115	9.379
45.0	28.763	36.263	23.095	9.317	96.0	24.102	36.474	24.729	9.311	157.0	19.269	36.531	26.123	9.381
46.0	28.767	36.265	23.095	9.318	97.0	24.021	36.483	24.760	9.321	158.0	19.216	36.531	26.137	9.381
47.0	28.766	36.265	23.095	9.317	98.0	24.005	36.501	24.778	9.328	159.0	19.149	36.531	26.155	9.380
48.0	28.766	36.265	23.095	9.318	99.0	23.971	36.511	24.796	9.336	160.0	19.045	36.518	26.171	9.381
49.0	28.766	36.265	23.095	9.318	100.0	23.943	36.510	24.804	9.337	161.0	18.921	36.494	26.185	9.380
50.0	28.766	36.264	23.094	9.318	101.0	23.909	36.510	24.814	9.340	162.0	18.799	36.491	26.207	9.379
51.0	28.765	36.264	23.094	9.319	102.0	23.967	36.589	24.856	9.339	163.0	18.706	36.468	26.220	9.380
52.0	28.766	36.264	23.094	9.317	103.0	24.166	36.721	24.935	9.344	164.0	18.606	36.448	26.230	9.379

STATION S8015.PLT::C CRUISE 90g15 DATE & TIME Mon Oct 15 14:34:17 1990, Julian day = 288
 LAT 25 19.4 LON 07 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
165.0	18.531	36.450	26.250	9.379	224.0	15.656	36.082	26.660	9.376	274.0	13.729	35.771	26.841	9.364
166.0	18.436	36.445	26.258	9.379	225.0	15.617	36.073	26.662	9.377	275.0	13.713	35.768	26.842	9.365
167.0	18.351	36.432	26.282	9.377	226.0	15.569	36.066	26.667	9.376	276.0	13.707	35.768	26.843	9.365
168.0	18.263	36.419	26.295	9.377	227.0	15.539	36.059	26.669	9.376	277.0	13.692	35.765	26.844	9.364
169.0	18.175	36.417	26.316	9.376	228.0	15.481	36.050	26.675	9.377	278.0	13.676	35.759	26.843	9.365
170.0	18.157	36.418	26.321	9.376	229.0	15.438	36.047	26.682	9.376	279.0	13.621	35.753	26.849	9.363
171.0	18.104	36.418	26.334	9.377	230.0	15.407	36.041	26.685	9.375	280.0	13.601	35.751	26.852	9.363
172.0	18.059	36.410	26.339	9.377	231.0	15.359	36.033	26.689	9.376	281.0	13.583	35.745	26.852	9.364
173.0	17.979	36.403	26.354	9.380	232.0	15.327	36.027	26.692	9.376	282.0	13.546	35.741	26.856	9.361
174.0	17.917	36.399	26.366	9.380	233.0	15.280	36.019	26.696	9.376	283.0	13.533	35.740	26.858	9.362
175.0	17.890	36.399	26.373	9.381	234.0	15.226	36.012	26.703	9.376	284.0	13.506	35.730	26.856	9.363
176.0	17.861	36.394	26.376	9.381	235.0	15.182	36.003	26.706	9.376	285.0	13.454	35.721	26.860	9.361
177.0	17.763	36.382	26.391	9.379	236.0	15.122	35.997	26.714	9.376	286.0	13.397	35.714	26.866	9.360
178.0	17.682	36.371	26.403	9.381	237.0	15.097	35.993	26.718	9.375	287.0	13.330	35.704	26.872	9.361
179.0	17.573	36.356	26.418	9.381	238.0	15.049	35.978	26.717	9.376	288.0	13.300	35.701	26.876	9.361
180.0	17.495	36.346	26.429	9.381	239.0	14.971	35.972	26.729	9.376	289.0	13.257	35.694	26.879	9.362
181.0	17.446	36.343	26.439	9.381	240.0	14.922	35.962	26.732	9.376	290.0	13.213	35.685	26.881	9.360
182.0	17.423	36.340	26.442	9.381	241.0	14.887	35.959	26.738	9.376	291.0	13.162	35.676	26.885	9.361
183.0	17.402	36.338	26.445	9.380	242.0	14.862	35.953	26.739	9.375	292.0	13.124	35.673	26.890	9.357
184.0	17.387	36.332	26.445	9.381	243.0	14.809	35.945	26.744	9.375	293.0	13.072	35.663	26.893	9.359
185.0	17.325	36.324	26.453	9.381	244.0	14.768	35.939	26.748	9.376	294.0	13.037	35.661	26.898	9.358
186.0	17.273	36.315	26.459	9.382	245.0	14.728	35.931	26.751	9.373	295.0	13.030	35.660	26.899	9.357
187.0	17.221	36.312	26.469	9.383	246.0	14.673	35.922	26.756	9.374	296.0	13.013	35.654	26.898	9.357
188.0	17.185	36.305	26.473	9.383	247.0	14.617	35.914	26.762	9.370	297.0	12.976	35.646	26.900	9.356
189.0	17.112	36.294	26.482	9.381	248.0	14.588	35.912	26.767	9.372	298.0	12.934	35.639	26.902	9.356
190.0	17.037	36.287	26.495	9.380	249.0	14.562	35.905	26.767	9.372	299.0	12.880	35.632	26.908	9.355
191.0	17.000	36.285	26.502	9.382	250.0	14.541	35.902	26.770	9.373	300.0	12.855	35.632	26.912	9.355
192.0	16.971	36.284	26.508	9.380	251.0	14.505	35.897	26.773	9.374	301.0	12.843	35.629	26.913	9.356
193.0	16.957	36.282	26.510	9.382	252.0	14.485	35.893	26.775	9.373	302.0	12.827	35.624	26.912	9.352
194.0	16.939	36.281	26.513	9.382	253.0	14.445	35.885	26.777	9.372	303.0	12.804	35.622	26.915	9.351
195.0	16.924	36.279	26.515	9.381	254.0	14.420	35.884	26.781	9.372	304.0	12.778	35.616	26.915	9.353
196.0	16.871	36.267	26.519	9.381	255.0	14.401	35.880	26.782	9.374	305.0	12.743	35.611	26.919	9.353
197.0	16.825	36.262	26.526	9.381	256.0	14.378	35.876	26.784	9.371	306.0	12.712	35.605	26.920	9.351
198.0	16.771	36.252	26.531	9.381	257.0	14.355	35.871	26.786	9.371	307.0	12.682	35.601	26.923	9.350
199.0	16.709	36.242	26.538	9.380	258.0	14.301	35.859	26.788	9.370	308.0	12.659	35.599	26.926	9.350
200.0	16.626	36.229	26.548	9.378	259.0	14.249	35.852	26.793	9.371	309.0	12.641	35.596	26.927	9.352
201.0	16.588	36.223	26.552	9.381	260.0	14.204	35.846	26.799	9.372	310.0	12.613	35.590	26.929	9.350
202.0	16.517	36.213	26.561	9.381	261.0	14.171	35.842	26.802	9.371	311.0	12.587	35.587	26.931	9.349
203.0	16.447	36.205	26.572	9.381	262.0	14.124	35.831	26.805	9.369	312.0	12.574	35.586	26.933	9.349
204.0	16.416	36.202	26.577	9.382	263.0	14.074	35.825	26.810	9.370	313.0	12.567	35.585	26.934	9.348
205.0	16.336	36.199	26.581	9.381	264.0	14.026	35.818	26.814	9.369	314.0	12.559	35.583	26.934	9.346
206.0	16.367	36.195	26.583	9.381	265.0	13.997	35.815	26.818	9.367	315.0	12.553	35.579	26.932	9.347
207.0	16.341	36.187	26.583	9.381	266.0	13.992	35.815	26.819	9.368	316.0	12.529	35.575	26.934	9.346
208.0	16.244	36.169	26.592	9.381	267.0	13.964	35.805	26.818	9.363	317.0	12.497	35.571	26.937	9.345
209.0	16.174	36.164	26.604	9.379	268.0	13.898	35.796	26.825	9.365	318.0	12.459	35.565	26.939	9.346
210.0	16.143	36.096	26.648	9.378	269.0	13.858	35.791	26.830	9.367	319.0	12.455	35.564	26.943	9.346
211.0	16.123	36.091	26.652	9.375	270.0	13.833	35.789	26.833	9.365	320.0	12.431	35.563	26.943	9.345
212.0	16.097	36.088	26.655	9.378	271.0	13.803	35.782	26.833	9.365	321.0	12.419	35.557	26.941	9.345
213.0	16.072	36.085	26.659	9.377	272.0	13.777	35.773	26.836	9.367	322.0	12.396	35.555	26.945	9.342
					273.0	13.750	35.773	26.838	9.366	323.0	12.358	35.547	26.945	9.341

STATION SB015.PLT::C CRUISE 90g15 DATE & TIME Mon Oct 15 14:34:17 1990, Julian day = 280
 LAT 25 19.4 LON 87 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
324.0	12.329	35.546	26.950	9.343	374.0	11.101	35.354	27.034	9.303	424.0	9.952	35.197	27.115	9.273
325.0	12.325	35.545	26.950	9.341	375.0	11.048	35.348	27.038	9.302	425.0	9.935	35.197	27.117	9.271
326.0	12.320	35.544	26.950	9.342	376.0	11.007	35.344	27.043	9.302	426.0	9.928	35.194	27.116	9.271
327.0	12.307	35.539	26.949	9.340	377.0	10.977	35.340	27.045	9.300	427.0	9.906	35.190	27.117	9.270
328.0	12.264	35.533	26.953	9.339	378.0	10.952	35.335	27.046	9.298	428.0	9.874	35.188	27.120	9.268
329.0	12.237	35.532	26.957	9.339	379.0	10.910	35.327	27.048	9.297	429.0	9.863	35.187	27.122	9.269
330.0	12.213	35.524	26.956	9.337	380.0	10.853	35.319	27.052	9.294	430.0	9.860	35.186	27.122	9.269
331.0	12.177	35.522	26.961	9.337	381.0	10.806	35.315	27.057	9.292	431.0	9.856	35.185	27.122	9.268
332.0	12.163	35.519	26.962	9.336	382.0	10.781	35.311	27.058	9.290	432.0	9.849	35.184	27.122	9.267
333.0	12.137	35.515	26.963	9.336	383.0	10.749	35.307	27.061	9.288	433.0	9.840	35.183	27.123	9.266
334.0	12.100	35.507	26.964	9.335	384.0	10.721	35.303	27.063	9.288	434.0	9.820	35.177	27.122	9.265
335.0	12.060	35.503	26.969	9.335	385.0	10.704	35.300	27.063	9.288	435.0	9.770	35.171	27.125	9.264
336.0	12.030	35.498	26.971	9.336	386.0	10.672	35.297	27.067	9.287	436.0	9.731	35.168	27.130	9.263
337.0	11.989	35.491	26.973	9.333	387.0	10.660	35.296	27.068	9.286	437.0	9.694	35.162	27.132	9.264
338.0	11.948	35.484	26.976	9.332	388.0	10.651	35.294	27.068	9.286	438.0	9.670	35.161	27.135	9.263
339.0	11.901	35.477	26.979	9.334	389.0	10.645	35.293	27.069	9.284	439.0	9.655	35.159	27.135	9.262
340.0	11.865	35.474	26.984	9.333	390.0	10.641	35.293	27.069	9.284	440.0	9.628	35.155	27.137	9.260
341.0	11.840	35.468	26.984	9.333	391.0	10.637	35.292	27.069	9.283	441.0	9.610	35.152	27.137	9.260
342.0	11.801	35.463	26.988	9.332	392.0	10.626	35.287	27.067	9.283	442.0	9.579	35.150	27.141	9.259
343.0	11.767	35.458	26.990	9.330	393.0	10.593	35.286	27.072	9.283	443.0	9.573	35.149	27.141	9.259
344.0	11.744	35.455	26.992	9.330	394.0	10.587	35.285	27.073	9.282	444.0	9.553	35.146	27.143	9.257
345.0	11.733	35.453	26.992	9.331	395.0	10.580	35.283	27.073	9.282	445.0	9.542	35.145	27.143	9.256
346.0	11.709	35.448	26.994	9.327	396.0	10.576	35.283	27.073	9.280	446.0	9.530	35.142	27.143	9.257
347.0	11.691	35.447	26.996	9.326	397.0	10.569	35.281	27.072	9.278	447.0	9.512	35.140	27.145	9.255
348.0	11.684	35.445	26.996	9.326	398.0	10.556	35.281	27.074	9.279	448.0	9.499	35.140	27.146	9.255
349.0	11.671	35.442	26.995	9.326	399.0	10.539	35.276	27.074	9.277	449.0	9.493	35.139	27.147	9.254
350.0	11.640	35.439	26.999	9.322	400.0	10.501	35.270	27.076	9.279	450.0	9.476	35.134	27.146	9.254
351.0	11.622	35.434	26.999	9.323	401.0	10.465	35.266	27.080	9.282	451.0	9.443	35.132	27.150	9.253
352.0	11.580	35.427	27.001	9.324	402.0	10.446	35.265	27.082	9.281	452.0	9.438	35.132	27.151	9.252
353.0	11.551	35.424	27.005	9.323	403.0	10.436	35.263	27.083	9.282	453.0	9.427	35.131	27.151	9.251
354.0	11.516	35.418	27.006	9.323	404.0	10.428	35.263	27.083	9.280	454.0	9.414	35.128	27.151	9.250
355.0	11.481	35.415	27.011	9.321	405.0	10.421	35.261	27.083	9.280	455.0	9.389	35.125	27.153	9.250
356.0	11.462	35.412	27.012	9.321	406.0	10.409	35.259	27.084	9.278	456.0	9.361	35.122	27.155	9.248
357.0	11.440	35.410	27.014	9.321	407.0	10.394	35.257	27.085	9.277	457.0	9.348	35.121	27.156	9.248
358.0	11.431	35.408	27.014	9.318	408.0	10.369	35.252	27.085	9.279	458.0	9.333	35.119	27.157	9.247
359.0	11.419	35.405	27.015	9.317	409.0	10.299	35.241	27.089	9.279	459.0	9.312	35.115	27.157	9.247
360.0	11.410	35.404	27.015	9.317	410.0	10.262	35.238	27.093	9.278	460.0	9.304	35.115	27.159	9.245
361.0	11.392	35.399	27.015	9.317	411.0	10.233	35.235	27.095	9.277	461.0	9.299	35.114	27.159	9.245
362.0	11.355	35.393	27.017	9.317	412.0	10.212	35.234	27.099	9.278	462.0	9.297	35.114	27.159	9.245
363.0	11.327	35.390	27.020	9.316	413.0	10.203	35.233	27.100	9.278	463.0	9.287	35.111	27.159	9.243
364.0	11.298	35.385	27.021	9.314	414.0	10.201	35.232	27.099	9.277	464.0	9.257	35.106	27.160	9.241
365.0	11.246	35.379	27.026	9.313	415.0	10.175	35.228	27.100	9.276	465.0	9.224	35.105	27.164	9.243
366.0	11.226	35.378	27.029	9.312	416.0	10.143	35.224	27.103	9.276	466.0	9.202	35.102	27.165	9.241
367.0	11.215	35.376	27.030	9.311	417.0	10.123	35.223	27.105	9.276	467.0	9.183	35.100	27.167	9.238
368.0	11.206	35.375	27.030	9.308	418.0	10.118	35.221	27.105	9.274	468.0	9.168	35.097	27.167	9.236
369.0	11.202	35.374	27.030	9.309	419.0	10.084	35.213	27.104	9.275	469.0	9.149	35.095	27.169	9.239
370.0	11.192	35.371	27.031	9.307	420.0	10.040	35.210	27.110	9.275	470.0	9.131	35.091	27.169	9.237
371.0	11.170	35.366	27.030	9.306	421.0	10.016	35.205	27.110	9.273	471.0	9.111	35.080	27.171	9.237
372.0	11.144	35.364	27.033	9.303	422.0	9.939	35.203	27.113	9.271	472.0	9.082	35.086	27.173	9.234
373.0	11.125	35.362	27.035	9.305	423.0	9.972	35.200	27.114	9.273	473.0	9.055	35.084	27.175	9.235

STATION SB015.PLT:IC CRUISE 90g15 DATE & TIME Mon Oct 15 14:34:17 1990, Julian day = 288
 LAT 25 19.4 LON 07 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

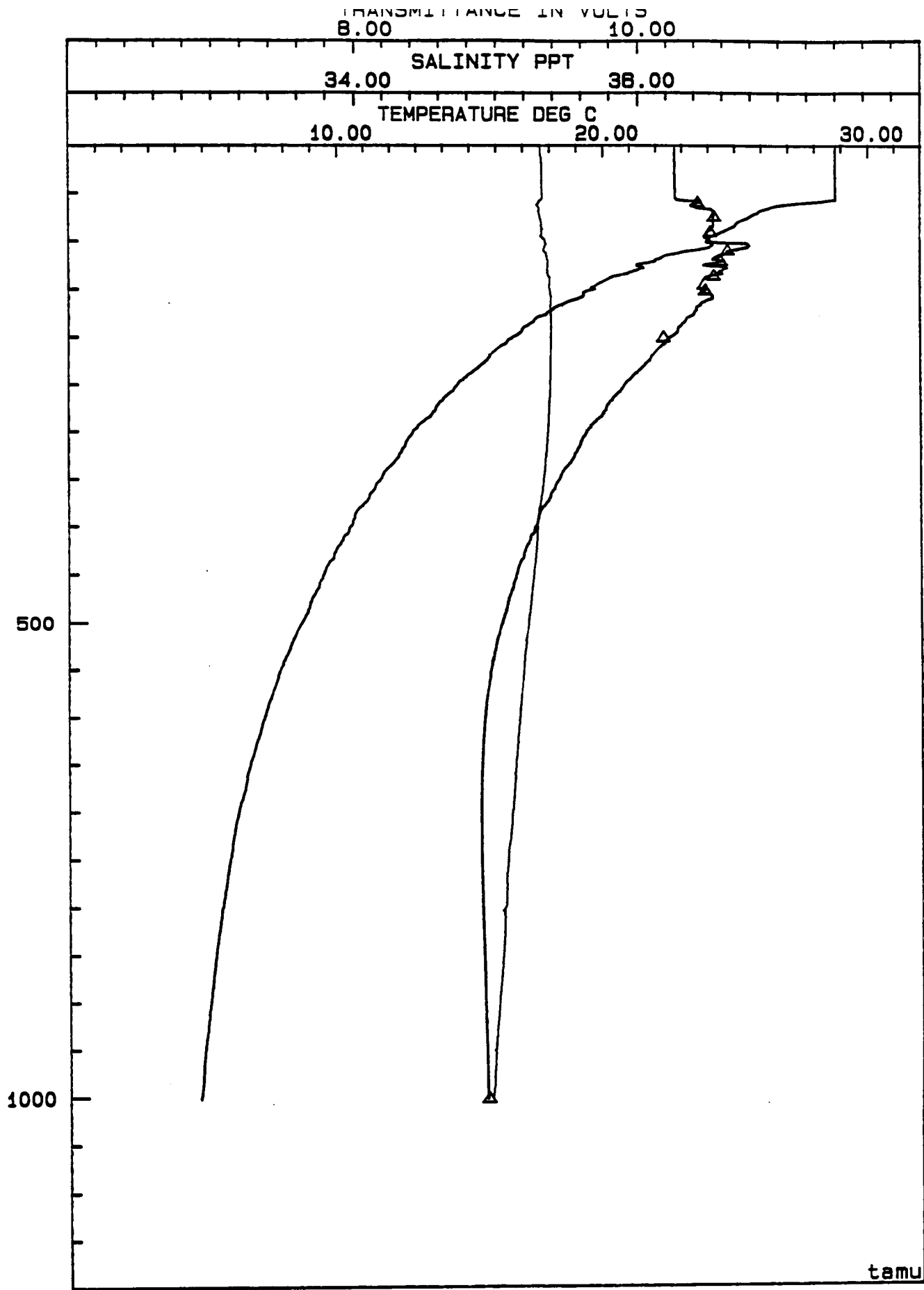
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
474.0	9.028	35.079	27.176	9.235	535.0	8.087	34.975	27.241	9.187	610.0	7.139	34.905	27.324	9.145
475.0	9.014	35.080	27.179	9.234	536.0	8.064	34.974	27.244	9.187	611.0	7.131	34.904	27.325	9.144
476.0	9.010	35.079	27.179	9.235	537.0	8.046	34.973	27.246	9.186	612.0	7.121	34.902	27.325	9.142
477.0	8.999	35.076	27.178	9.233	538.0	8.031	34.970	27.246	9.186	613.0	7.104	34.903	27.328	9.142
478.0	8.968	35.073	27.181	9.231	539.0	8.021	34.971	27.248	9.184	614.0	7.101	34.903	27.328	9.142
479.0	8.956	35.073	27.183	9.231	540.0	8.011	34.971	27.250	9.187	615.0	7.096	34.902	27.329	9.141
480.0	8.951	35.072	27.183	9.230	541.0	7.987	34.963	27.247	9.186	616.0	7.085	34.901	27.330	9.141
481.0	8.943	35.070	27.183	9.231	542.0	7.963	34.964	27.251	9.185	617.0	7.077	34.901	27.331	9.141
482.0	8.938	35.070	27.183	9.229	543.0	7.950	34.964	27.253	9.183	618.0	7.069	34.901	27.331	9.141
483.0	8.934	35.069	27.183	9.228	544.0	7.942	34.962	27.253	9.182	619.0	7.052	34.900	27.333	9.139
484.0	8.927	35.068	27.184	9.229	545.0	7.937	34.963	27.255	9.183	620.0	7.039	34.900	27.335	9.138
485.0	8.912	35.064	27.183	9.226	546.0	7.930	34.961	27.254	9.182	621.0	7.027	34.899	27.336	9.138
486.0	8.866	35.062	27.186	9.226	553.0	7.797	34.949	27.264	9.178	622.0	7.015	34.898	27.336	9.137
487.0	8.871	35.064	27.189	9.225	554.0	7.790	34.949	27.265	9.178	623.0	7.004	34.898	27.338	9.136
488.0	8.869	35.060	27.186	9.224	555.0	7.778	34.948	27.267	9.178	624.0	6.987	34.897	27.339	9.138
489.0	8.858	35.059	27.187	9.223	556.0	7.762	34.948	27.269	9.176	625.0	6.974	34.896	27.341	9.136
490.0	8.847	35.055	27.186	9.224	557.0	7.759	34.948	27.270	9.176	626.0	6.961	34.895	27.342	9.136
491.0	8.813	35.051	27.188	9.222	558.0	7.760	34.948	27.269	9.176	627.0	6.948	34.896	27.344	9.139
492.0	8.787	35.049	27.191	9.220	578.0	7.511	34.926	27.288	9.162	628.0	6.939	34.894	27.344	9.137
493.0	8.768	35.047	27.193	9.219	579.0	7.501	34.926	27.290	9.162	629.0	6.926	34.895	27.347	9.135
494.0	8.757	35.047	27.194	9.220	580.0	7.489	34.924	27.290	9.161	630.0	6.922	34.895	27.347	9.132
495.0	8.745	35.044	27.194	9.219	581.0	7.473	34.923	27.292	9.160	631.0	6.915	34.895	27.348	9.134
496.0	8.722	35.042	27.196	9.216	582.0	7.449	34.922	27.293	9.160	632.0	6.904	34.894	27.349	9.132
497.0	8.703	35.040	27.198	9.218	583.0	7.433	34.922	27.296	9.161	633.0	6.892	34.893	27.350	9.132
498.0	8.697	35.039	27.198	9.215	584.0	7.421	34.920	27.297	9.159	634.0	6.880	34.894	27.352	9.131
499.0	8.671	35.035	27.198	9.215	585.0	7.401	34.919	27.299	9.159	635.0	6.876	34.894	27.353	9.132
500.0	8.652	35.035	27.201	9.214	586.0	7.390	34.919	27.300	9.158	636.0	6.868	34.893	27.353	9.130
501.0	8.644	35.033	27.201	9.213	587.0	7.382	34.919	27.301	9.158	637.0	6.858	34.893	27.354	9.131
502.0	8.624	35.031	27.202	9.213	588.0	7.376	34.918	27.302	9.158	638.0	6.850	34.892	27.355	9.130
503.0	8.602	35.028	27.204	9.215	589.0	7.366	34.917	27.302	9.156	639.0	6.839	34.892	27.356	9.128
515.0	8.405	35.009	27.219	9.203	590.0	7.356	34.917	27.303	9.156	640.0	6.826	34.892	27.358	9.128
516.0	8.392	35.005	27.219	9.202	591.0	7.344	34.916	27.304	9.153	641.0	6.815	34.892	27.359	9.131
517.0	8.365	35.002	27.221	9.202	592.0	7.332	34.915	27.305	9.156	642.0	6.809	34.891	27.360	9.129
518.0	8.350	35.002	27.222	9.199	593.0	7.317	34.913	27.306	9.153	643.0	6.791	34.890	27.361	9.127
519.0	8.324	34.998	27.223	9.200	594.0	7.302	34.913	27.308	9.154	644.0	6.777	34.890	27.363	9.128
520.0	8.309	34.998	27.226	9.195	595.0	7.294	34.913	27.309	9.153	645.0	6.763	34.889	27.365	9.126
521.0	8.295	34.996	27.226	9.200	596.0	7.287	34.913	27.310	9.151	646.0	6.750	34.889	27.366	9.123
522.0	8.273	34.995	27.229	9.199	597.0	7.283	34.913	27.311	9.153	647.0	6.736	34.888	27.367	9.123
523.0	8.260	34.994	27.230	9.199	598.0	7.271	34.911	27.312	9.151	648.0	6.726	34.889	27.369	9.122
524.0	8.247	34.991	27.230	9.193	599.0	7.257	34.911	27.313	9.151	649.0	6.722	34.888	27.369	9.121
525.0	8.230	34.989	27.231	9.196	600.0	7.243	34.910	27.313	9.152	650.0	6.712	34.888	27.371	9.122
526.0	8.213	34.988	27.233	9.195	601.0	7.237	34.910	27.315	9.150	651.0	6.707	34.888	27.371	9.120
527.0	8.207	34.989	27.234	9.194	602.0	7.225	34.908	27.315	9.150	652.0	6.701	34.888	27.372	9.121
528.0	8.193	34.985	27.233	9.194	603.0	7.210	34.908	27.317	9.149	653.0	6.693	34.888	27.373	9.122
529.0	8.180	34.985	27.235	9.193	604.0	7.194	34.907	27.318	9.147	654.0	6.678	34.887	27.375	9.122
530.0	8.168	34.983	27.236	9.193	605.0	7.185	34.907	27.320	9.147	655.0	6.661	34.887	27.376	9.121
531.0	8.154	34.981	27.237	9.190	606.0	7.175	34.906	27.320	9.146	656.0	6.649	34.885	27.378	9.119
532.0	8.136	34.979	27.238	9.190	607.0	7.160	34.905	27.322	9.147	657.0	6.641	34.885	27.378	9.119
533.0	8.114	34.979	27.240	9.190	608.0	7.147	34.905	27.324	9.147	658.0	6.629	34.885	27.379	9.118
534.0	8.107	34.978	27.241	9.190	609.0	7.144	34.905	27.324	9.146	659.0	6.616	34.885	27.382	9.117

STATION SB015.PLT::C CRUISE 90g15 DATE & TIME Mon, Oct 15 14:34:17 1990, Julian day = 288
 LAT 25 19.4 LON 87 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSH	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSN
660.0	6.609	34.885	27.382	9.114	710.0	6.189	34.882	27.435	9.092	760.0	5.896	34.885	27.475	9.061
661.0	6.601	34.885	27.383	9.114	711.0	6.182	34.883	27.437	9.093	761.0	5.892	34.885	27.476	9.060
662.0	6.595	34.884	27.383	9.116	712.0	6.178	34.882	27.437	9.093	762.0	5.891	34.885	27.476	9.060
663.0	6.589	34.884	27.384	9.118	713.0	6.172	34.883	27.438	9.092	763.0	5.884	34.885	27.477	9.059
664.0	6.585	34.885	27.385	9.118	714.0	6.166	34.883	27.439	9.091	764.0	5.877	34.885	27.478	9.059
665.0	6.583	34.884	27.385	9.116	715.0	6.161	34.882	27.439	9.091	765.0	5.869	34.885	27.479	9.056
666.0	6.580	34.885	27.386	9.117	716.0	6.157	34.883	27.440	9.089	766.0	5.860	34.885	27.480	9.054
667.0	6.578	34.884	27.386	9.116	717.0	6.150	34.882	27.441	9.088	767.0	5.853	34.886	27.481	9.054
668.0	6.573	34.884	27.386	9.115	718.0	6.142	34.883	27.442	9.089	768.0	5.847	34.886	27.482	9.055
669.0	6.566	34.885	27.388	9.115	719.0	6.132	34.883	27.443	9.088	769.0	5.845	34.886	27.483	9.055
670.0	6.560	34.883	27.387	9.114	720.0	6.130	34.883	27.444	9.086	770.0	5.843	34.886	27.483	9.053
671.0	6.550	34.884	27.389	9.113	721.0	6.127	34.882	27.444	9.087	771.0	5.841	34.886	27.483	9.054
672.0	6.544	34.884	27.390	9.111	722.0	6.124	34.883	27.445	9.086	772.0	5.839	34.886	27.484	9.054
673.0	6.536	34.884	27.391	9.113	723.0	6.120	34.882	27.445	9.084	773.0	5.835	34.886	27.484	9.054
674.0	6.530	34.884	27.392	9.111	724.0	6.106	34.882	27.447	9.086	774.0	5.830	34.887	27.485	9.053
675.0	6.525	34.884	27.392	9.113	725.0	6.097	34.884	27.449	9.084	775.0	5.825	34.886	27.495	9.053
676.0	6.519	34.883	27.393	9.111	726.0	6.092	34.884	27.449	9.083	776.0	5.817	34.886	27.487	9.055
677.0	6.514	34.883	27.393	9.110	727.0	6.084	34.883	27.450	9.082	777.0	5.809	34.887	27.488	9.054
678.0	6.507	34.883	27.394	9.109	728.0	6.077	34.883	27.451	9.083	778.0	5.804	34.887	27.488	9.055
679.0	6.495	34.882	27.395	9.110	729.0	6.072	34.883	27.451	9.083	779.0	5.800	34.887	27.489	9.055
680.0	6.478	34.883	27.398	9.110	730.0	6.066	34.883	27.452	9.081	780.0	5.795	34.887	27.490	9.054
681.0	6.467	34.882	27.399	9.108	731.0	6.058	34.883	27.453	9.080	781.0	5.785	34.887	27.491	9.054
682.0	6.455	34.882	27.400	9.108	732.0	6.055	34.883	27.454	9.078	782.0	5.775	34.887	27.492	9.055
683.0	6.443	34.883	27.403	9.108	733.0	6.052	34.884	27.454	9.078	783.0	5.762	34.887	27.494	9.054
684.0	6.437	34.882	27.403	9.107	734.0	6.051	34.883	27.454	9.078	784.0	5.758	34.889	27.496	9.054
685.0	6.431	34.892	27.404	9.108	735.0	6.049	34.883	27.455	9.073	785.0	5.757	34.883	27.496	9.054
686.0	6.425	34.882	27.404	9.107	736.0	6.046	34.883	27.455	9.074	786.0	5.755	34.888	27.496	9.052
687.0	6.413	34.880	27.405	9.106	737.0	6.043	34.882	27.455	9.073	787.0	5.752	34.888	27.496	9.053
688.0	6.387	34.881	27.408	9.104	738.0	6.038	34.883	27.456	9.071	788.0	5.746	34.883	27.497	9.053
689.0	6.375	34.892	27.411	9.104	739.0	6.036	34.883	27.456	9.071	789.0	5.741	34.888	27.498	9.052
690.0	6.359	34.881	27.413	9.103	740.0	6.033	34.883	27.456	9.069	790.0	5.737	34.888	27.498	9.051
691.0	6.349	34.892	27.414	9.102	741.0	6.024	34.882	27.457	9.069	791.0	5.724	34.889	27.500	9.054
692.0	6.344	34.882	27.415	9.104	742.0	6.012	34.883	27.459	9.070	792.0	5.719	34.890	27.501	9.052
693.0	6.339	34.881	27.415	9.103	743.0	6.003	34.883	27.460	9.063	793.0	5.716	34.889	27.501	9.053
694.0	6.320	34.880	27.417	9.102	744.0	5.999	34.883	27.460	9.067	794.0	5.711	34.889	27.502	9.053
695.0	6.309	34.881	27.419	9.101	745.0	5.996	34.883	27.461	9.068	795.0	5.707	34.889	27.503	9.053
696.0	6.303	34.881	27.420	9.102	746.0	5.994	34.883	27.462	9.069	796.0	5.702	34.889	27.503	9.051
697.0	6.297	34.881	27.421	9.101	747.0	5.989	34.883	27.462	9.067	797.0	5.699	34.889	27.503	9.052
698.0	6.294	34.882	27.421	9.101	748.0	5.981	34.882	27.462	9.065	798.0	5.695	34.889	27.504	9.051
699.0	6.287	34.881	27.421	9.097	749.0	5.971	34.883	27.464	9.068	799.0	5.687	34.889	27.505	9.050
700.0	6.280	34.882	27.423	9.097	750.0	5.957	34.884	27.467	9.067	800.0	5.672	34.889	27.507	9.047
701.0	6.273	34.882	27.424	9.096	751.0	5.950	34.884	27.467	9.065	801.0	5.657	34.890	27.510	9.043
702.0	6.264	34.881	27.425	9.094	752.0	5.943	34.885	27.469	9.068	802.0	5.649	34.891	27.511	9.040
703.0	6.258	34.882	27.427	9.094	753.0	5.941	34.884	27.469	9.066	803.0	5.644	34.891	27.512	9.039
704.0	6.251	34.883	27.428	9.092	754.0	5.929	34.884	27.470	9.064	804.0	5.638	34.891	27.513	9.029
705.0	6.244	34.881	27.428	9.095	755.0	5.923	34.885	27.471	9.064	805.0	5.635	34.892	27.513	9.038
706.0	6.235	34.881	27.429	9.092	756.0	5.920	34.885	27.472	9.065	806.0	5.632	34.892	27.514	9.038
707.0	6.225	34.881	27.430	9.091	757.0	5.916	34.884	27.472	9.064	807.0	5.629	34.892	27.514	9.039
708.0	6.215	34.882	27.432	9.092	758.0	5.908	34.884	27.473	9.063	808.0	5.627	34.893	27.515	9.037
709.0	6.203	34.881	27.433	9.092	759.0	5.899	34.885	27.475	9.061	809.0	5.625	34.893	27.515	9.040

STATION SB015.PLT::C CRUISE 90g15 DATE & TIME Mon Oct 15 14:34:17 1990, Julian day = 288
 LAT 25 19.4 LON 87 59.4 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
810.0	5.622	34.893	27.515	9.040	860.0	5.379	34.901	27.552	9.024	910.0	5.156	34.911	27.587	8.996
811.0	5.615	34.892	27.516	9.042	861.0	5.370	34.902	27.554	9.025	911.0	5.157	34.910	27.586	8.995
812.0	5.611	34.890	27.515	9.041	862.0	5.366	34.903	27.555	9.023	912.0	5.156	34.910	27.586	8.996
813.0	5.606	34.892	27.517	9.041	863.0	5.365	34.901	27.554	9.025	913.0	5.155	34.910	27.586	8.996
814.0	5.597	34.892	27.519	9.039	864.0	5.361	34.902	27.555	9.022	914.0	5.156	34.910	27.586	8.994
815.0	5.593	34.893	27.520	9.038	865.0	5.355	34.902	27.556	9.020	915.0	5.156	34.910	27.586	8.995
816.0	5.590	34.894	27.520	9.040	866.0	5.351	34.903	27.557	9.020	916.0	5.156	34.910	27.586	8.993
817.0	5.587	34.893	27.520	9.038	867.0	5.349	34.902	27.557	9.020	917.0	5.153	34.910	27.586	8.994
818.0	5.581	34.894	27.522	9.039	868.0	5.344	34.903	27.558	9.020	918.0	5.145	34.909	27.587	8.994
819.0	5.579	34.894	27.522	9.040	869.0	5.343	34.903	27.558	9.020	919.0	5.139	34.910	27.588	8.992
820.0	5.568	34.894	27.523	9.039	870.0	5.340	34.903	27.558	9.019	920.0	5.133	34.913	27.591	8.991
821.0	5.560	34.895	27.525	9.040	871.0	5.336	34.903	27.559	9.019	921.0	5.132	34.910	27.589	8.991
822.0	5.559	34.894	27.525	9.039	872.0	5.325	34.903	27.560	9.019	922.0	5.126	34.911	27.590	8.990
823.0	5.557	34.895	27.526	9.039	873.0	5.323	34.904	27.561	9.018	923.0	5.121	34.911	27.591	8.991
824.0	5.553	34.895	27.526	9.039	874.0	5.321	34.904	27.561	9.017	924.0	5.117	34.911	27.591	8.990
825.0	5.546	34.895	27.527	9.039	875.0	5.317	34.903	27.562	9.016	925.0	5.113	34.911	27.592	8.988
826.0	5.537	34.895	27.528	9.040	876.0	5.313	34.904	27.562	9.015	926.0	5.111	34.912	27.593	8.988
827.0	5.530	34.896	27.530	9.036	877.0	5.310	34.904	27.563	9.015	927.0	5.111	34.912	27.593	8.988
828.0	5.523	34.896	27.530	9.038	878.0	5.308	34.904	27.563	9.014	928.0	5.111	34.911	27.592	8.986
829.0	5.513	34.896	27.532	9.039	879.0	5.304	34.903	27.563	9.015	929.0	5.106	34.912	27.593	8.986
830.0	5.509	34.896	27.533	9.039	880.0	5.300	34.903	27.563	9.014	930.0	5.100	34.913	27.594	8.984
831.0	5.505	34.896	27.533	9.038	881.0	5.297	34.904	27.564	9.013	931.0	5.097	34.912	27.594	8.984
832.0	5.502	34.896	27.533	9.036	882.0	5.295	34.905	27.565	9.013	932.0	5.090	34.913	27.596	8.985
833.0	5.498	34.897	27.534	9.035	883.0	5.292	34.904	27.565	9.012	933.0	5.084	34.913	27.597	8.984
834.0	5.492	34.897	27.535	9.036	884.0	5.286	34.905	27.566	9.010	934.0	5.080	34.913	27.597	8.985
835.0	5.486	34.898	27.537	9.036	885.0	5.281	34.904	27.566	9.011	935.0	5.075	34.913	27.598	8.984
836.0	5.484	34.898	27.537	9.034	886.0	5.269	34.905	27.568	9.008	936.0	5.072	34.914	27.599	8.985
837.0	5.480	34.898	27.537	9.034	887.0	5.264	34.905	27.569	9.008	937.0	5.066	34.913	27.599	8.984
838.0	5.475	34.898	27.538	9.034	888.0	5.260	34.905	27.570	9.009	938.0	5.058	34.913	27.600	8.980
839.0	5.470	34.898	27.539	9.034	889.0	5.256	34.906	27.570	9.008	939.0	5.052	34.914	27.602	8.981
840.0	5.467	34.898	27.539	9.033	890.0	5.254	34.905	27.571	9.006	940.0	5.047	34.915	27.602	8.981
841.0	5.458	34.899	27.541	9.032	891.0	5.252	34.906	27.571	9.006	941.0	5.042	34.914	27.603	8.980
842.0	5.452	34.897	27.540	9.032	892.0	5.250	34.906	27.571	9.005	942.0	5.037	34.915	27.604	8.931
843.0	5.446	34.898	27.542	9.032	893.0	5.247	34.906	27.572	9.005	943.0	5.034	34.915	27.604	8.930
844.0	5.442	34.898	27.542	9.032	894.0	5.242	34.906	27.573	9.003	944.0	5.028	34.916	27.605	8.978
845.0	5.440	34.899	27.543	9.031	895.0	5.239	34.906	27.573	9.004	945.0	5.024	34.915	27.605	8.978
846.0	5.435	34.899	27.543	9.030	896.0	5.233	34.906	27.573	9.003	946.0	5.021	34.916	27.606	8.979
847.0	5.432	34.899	27.544	9.032	897.0	5.227	34.907	27.575	9.003	947.0	5.020	34.915	27.606	8.978
848.0	5.431	34.899	27.544	9.030	898.0	5.224	34.907	27.575	9.002	948.0	5.016	34.916	27.607	8.979
849.0	5.428	34.899	27.544	9.029	899.0	5.222	34.907	27.575	9.002	949.0	5.014	34.916	27.607	8.977
850.0	5.425	34.897	27.545	9.030	900.0	5.220	34.907	27.575	9.003	950.0	5.012	34.915	27.607	8.976
851.0	5.423	34.900	27.546	9.026	901.0	5.216	34.907	27.576	9.002	951.0	5.006	34.916	27.609	8.970
852.0	5.415	34.899	27.546	9.028	902.0	5.209	34.907	27.577	9.001	952.0	5.000	34.917	27.610	8.975
853.0	5.407	34.900	27.548	9.029	903.0	5.203	34.907	27.577	9.001	953.0	4.996	34.917	27.610	8.975
854.0	5.402	34.900	27.549	9.026	904.0	5.205	34.907	27.578	9.000	954.0	4.993	34.917	27.611	8.975
855.0	5.398	34.900	27.549	9.027	905.0	5.199	34.908	27.579	8.998	955.0	4.991	34.917	27.611	8.975
856.0	5.394	34.900	27.550	9.025	906.0	5.193	34.908	27.580	8.998	956.0	4.988	34.917	27.611	8.974
857.0	5.390	34.902	27.551	9.025	907.0	5.188	34.908	27.581	8.998	957.0	4.983	34.918	27.613	8.975
858.0	5.387	34.901	27.551	9.023	908.0	5.177	34.908	27.582	8.999	958.0	4.978	34.918	27.613	8.974
859.0	5.386	34.901	27.551	9.022	909.0	5.163	34.910	27.584	8.997	959.0	4.972	34.920	27.615	8.974



tamu

CRUISE: 90g15 STATION: SB015.PL DATE: Oct 15 14:34:17 1990
 LATITUDE: 25 19.4 LONGITUDE: 87 59.4
 TRIANGLES DENOTE DISCRETE SAMPLES

BOTTLE DATA

At each CTD station on cruise 90G-14, 5-liter Niskin bottles mounted on a General Oceanics 12-place rosette multisampler were tripped on the upcast for analysis of nutrients and chlorophyll + acid degradation products. Analyses for nitrate, nitrite, ammonium, phosphate, and silicate were carried out 2-3 weeks post-cruise (20-25 Oct) with a Technicon AA-II six channel autoanalyzer, after freezing samples in plastic screw-cap vials at sea. Chlorophyll versus phaeopigment composition was estimated at sea by the "Turner" fluorometric method (see Parsons et al, 1985).

On cruise 90G-15, 30-liter Niskin bottles were used instead of 5-liter bottles. Autoanalyzer nutrient analyses were done at sea, and salinity was checked at each bottle trip depth in the shipboard laboratory with Guildline Autosal model 8400A. Dissolved oxygen was also measured by a modified Winkler titration method. Subsamples were also taken for measurement of oxygen isotopic composition (Mr. A.Sanyal, University of Houston), virus content (Mr. M.Cottrell, University of Texas), and 8-10 liters of water filtered for SEM determination of coccolithophorid species composition (Ms. V.Pariante, TAMU). These investigators will report their data separately.

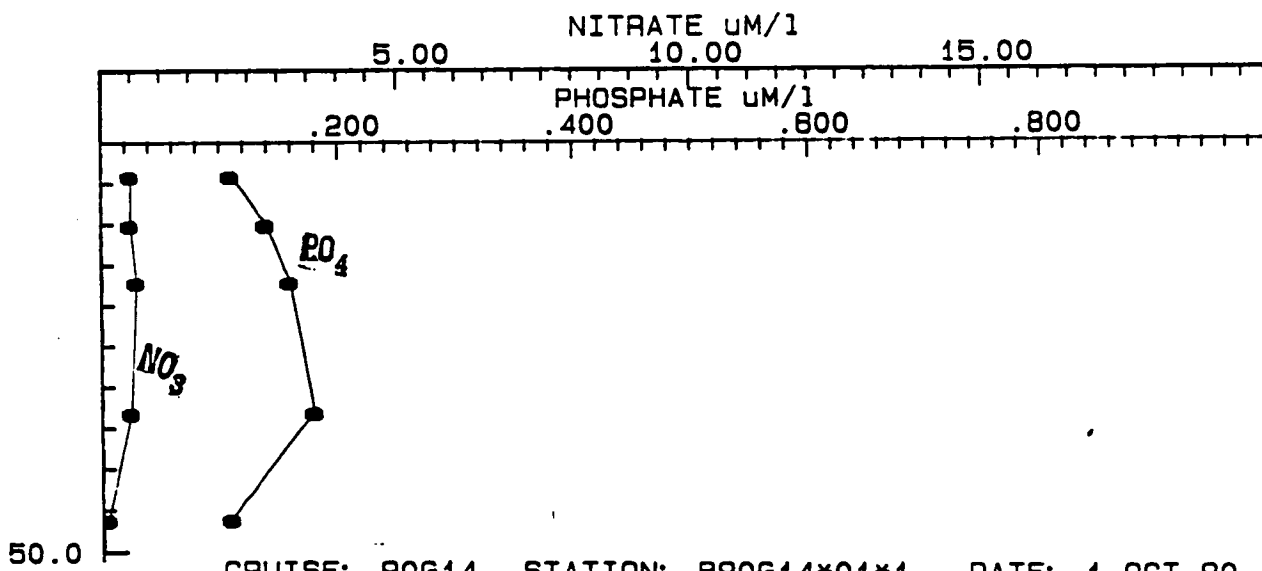
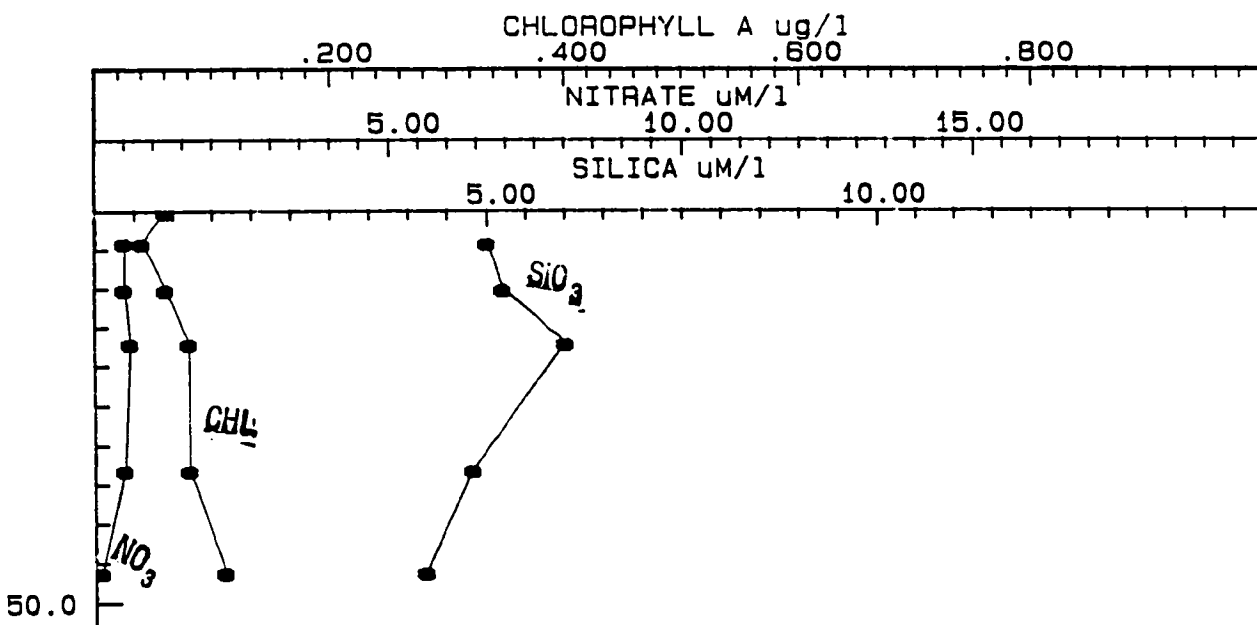
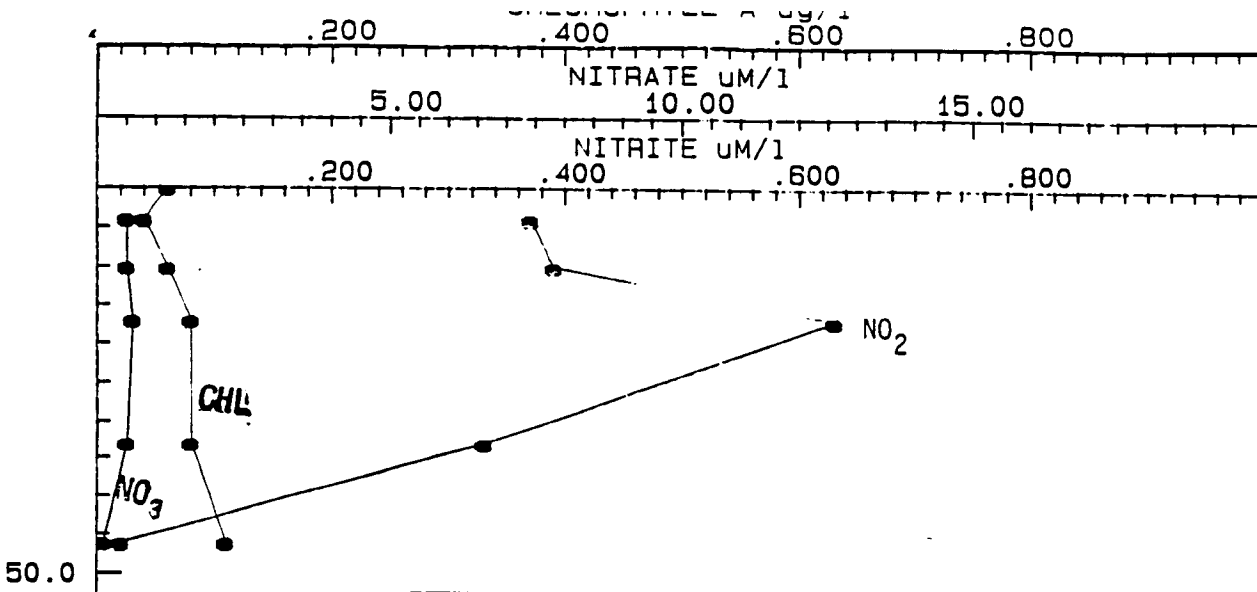
The following tables summarize temperature, salinity, nutrient, and chlorophyll + phaeopigment concentrations. In the tables, Temp = CTD temp, and Salinity is CTD salinity (90G-14) or bottle salinity (90G-15). Concentrations of nutrients are reported as μ moles/liter, and of chlorophyll and phaeopigments (PHAEO) as μ g/liter. Since CTD data had numerous artifacts in the uppermost 2 m below the surface on cruise 90G-14, however, salinity and temperature data for $z=1$ m that are included in the tabulation of bottle data for that cruise are based on CTD data from the 3m horizon.

Reference:

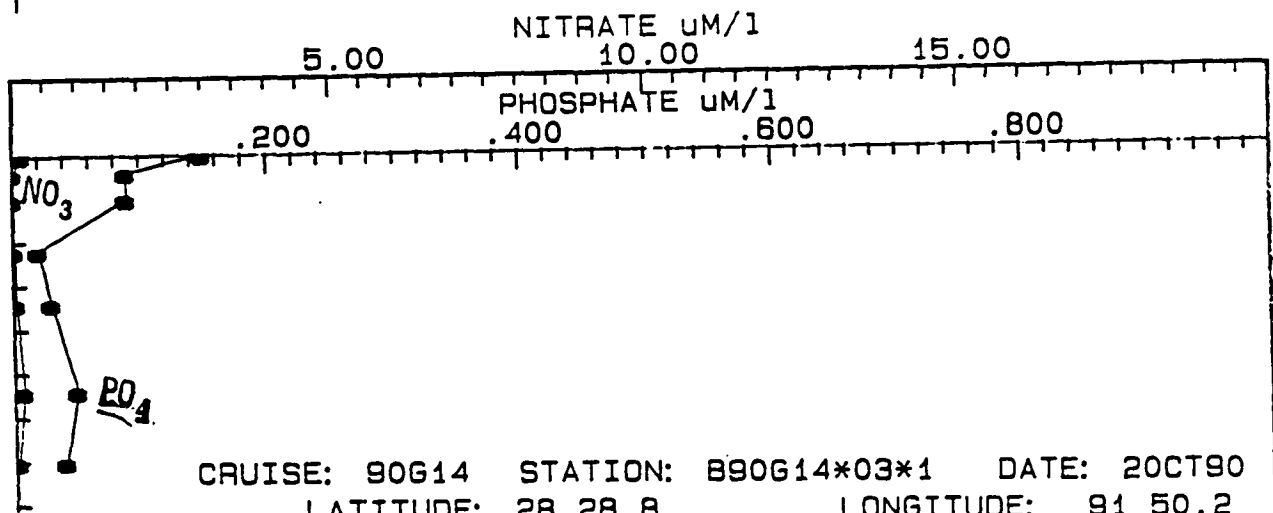
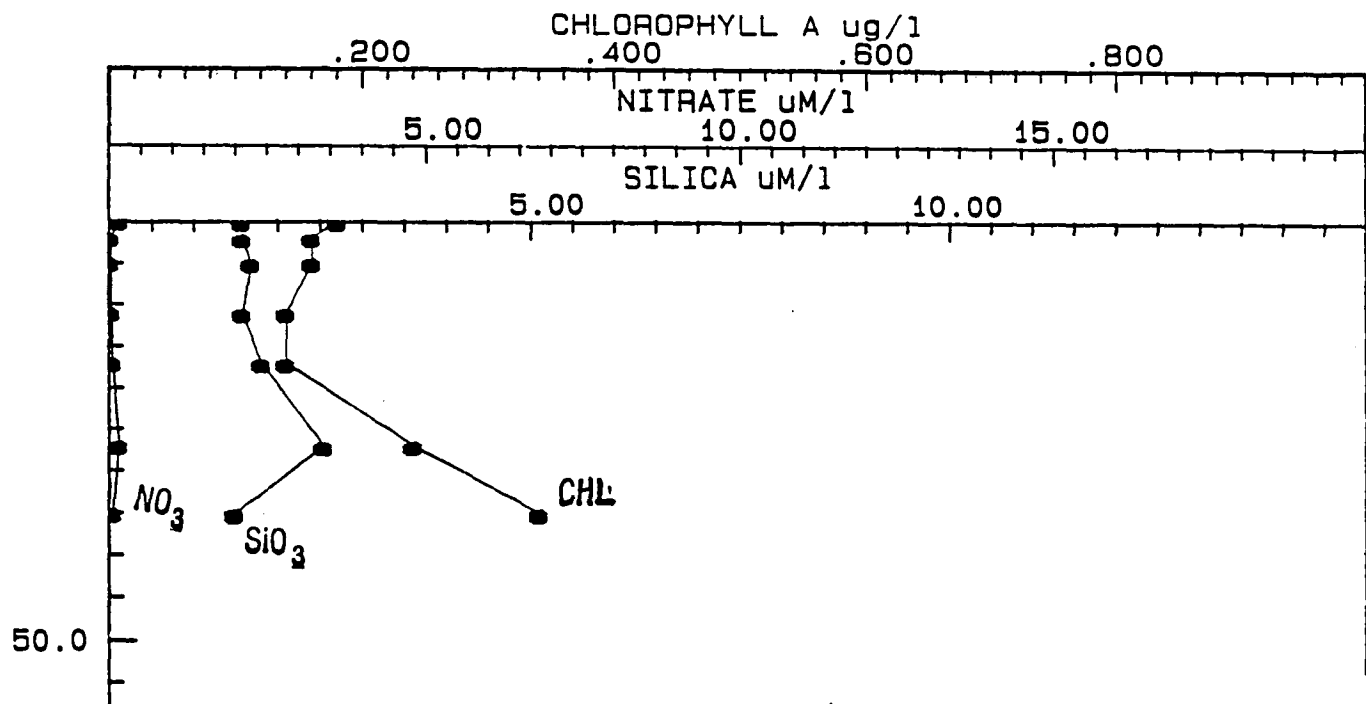
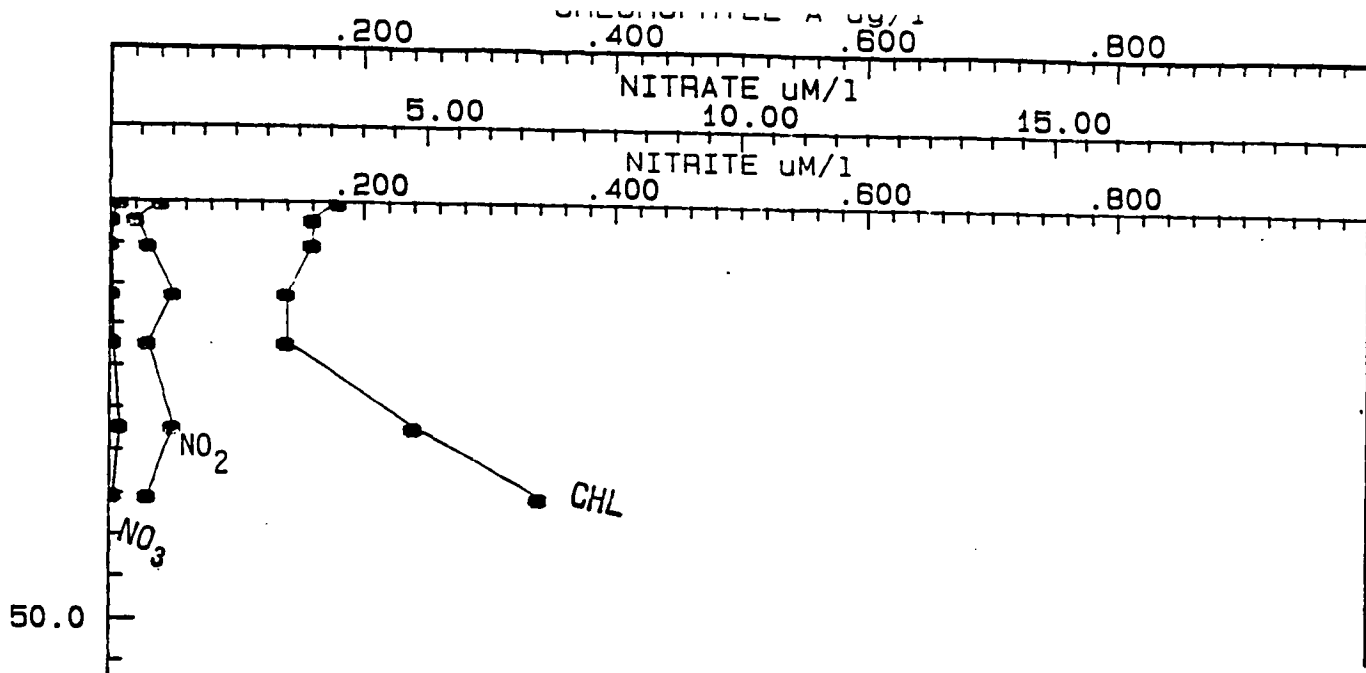
Parsons TR, Maita Y, and Lalli CM (1985) A Manual of Chemical and Biological Methods for Seawater Analysis. Oxford (Pergamon Press).

One liter (or 500mls when concentrations of suspended particles were high) of seawater from each bottle depth was filtered onto 25 mm glass fiber GF/F filters. These were extracted in 10 ml of 90% acetone for 12h at 0°C, then centrifuged the extract for 5 min to clarify the supernatant before measuring fluorescence on a Turner Designs model 10.

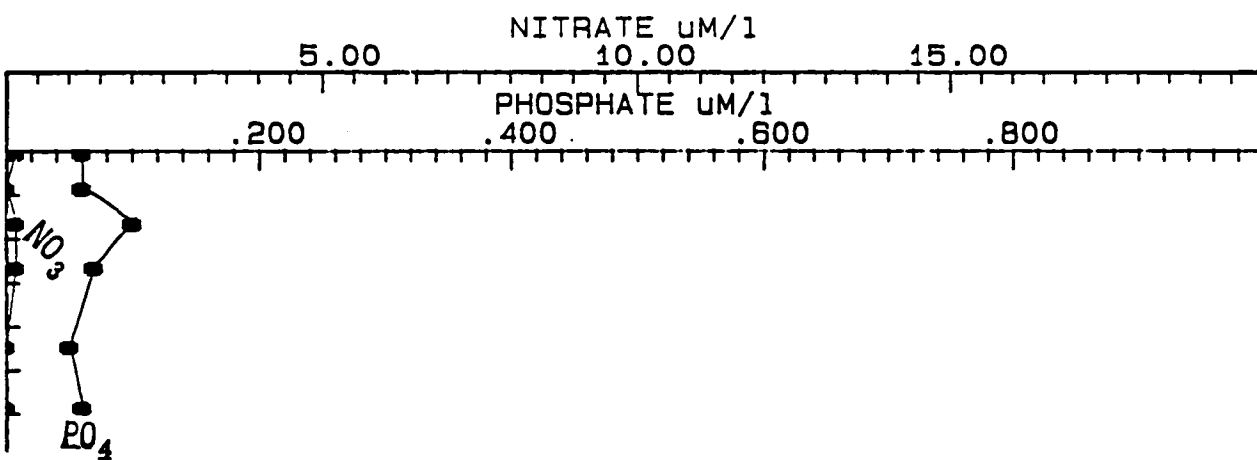
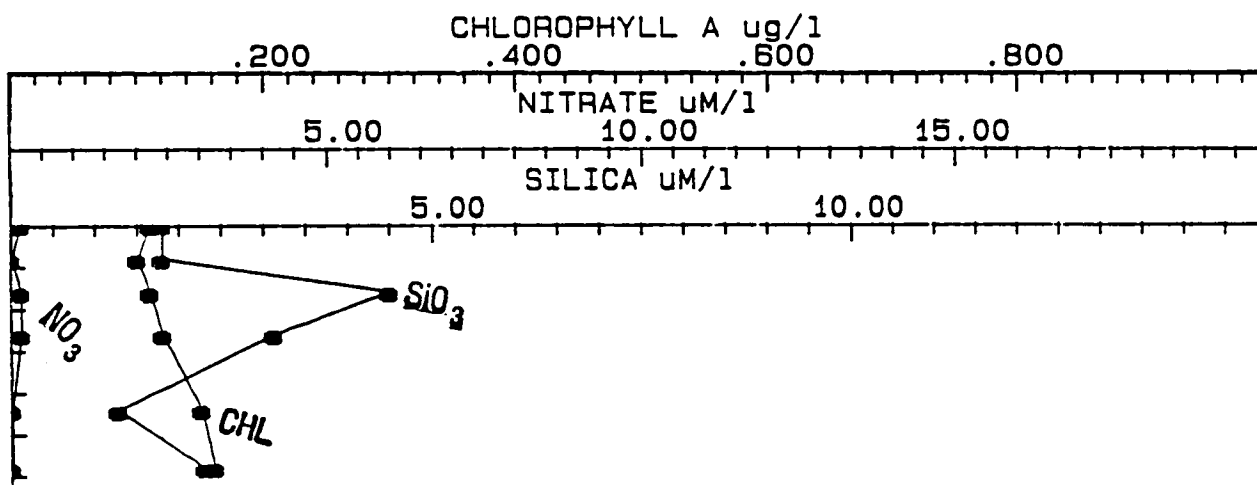
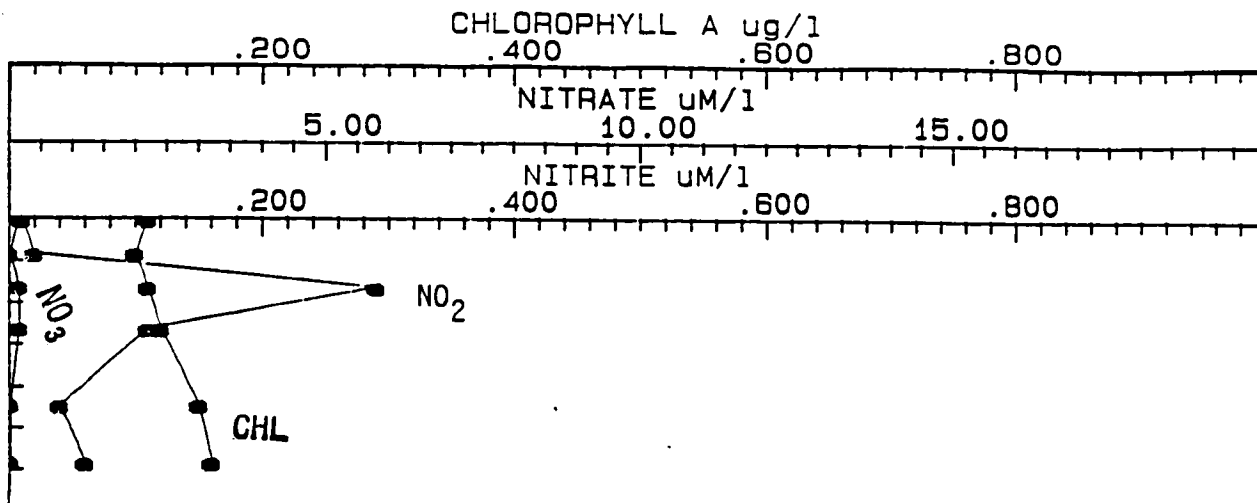
STATION	DEPTH	SALINITY	TEMP	NITRATE	NITRITE	AMMONIUM	PHOSPHATE	SILICATE	CHLOROPHYLL	PHAEO	
1	90G-14-01	1	35.16	28.6	0.5	0.38	1.3	0.12	5.1	0.06	0.01
2		4	35.16	28.6	0.5	0.37	1.2	0.11	5.0	0.04	0.01
3		10	35.17	28.6	0.5	0.39	1.3	0.14	5.2	0.06	0.01
4		17	35.60	28.7	0.6	0.63	1.6	0.16	6.0	0.06	0.02
5		33	35.73	28.7	0.5	0.33	na	0.18	4.8	0.06	0.03
6		46	36.22	24.6	0.1	0.02	0.4	0.11	4.2	0.11	0.06
7											
8	90G-14-03	1	29.91	28.1	na	0.04	0.1	0.15	1.6	0.16	0.05
9		2	29.91	28.1	<0.05	0.02	<0.1	0.09	1.6	0.16	0.05
10		5	29.92	28.1	<0.05	0.03	0.1	0.09	1.7	0.16	0.05
11		11	32.47	28.9	<0.05	0.05	0.3	0.02	1.6	0.14	0.04
12		17	33.90	28.5	0.05	0.03	<0.1	0.03	1.8	0.14	0.03
13		27	35.54	29.2	0.1	0.05	<0.1	0.03	2.5	0.24	0.08
14		35	36.09	26.4	0.05	0.03	0.1	0.04	1.5	0.34	0.31
15											
16	90G-14-06	1	33.07	28.6	0.15	0.01	<0.1	0.06	1.8	0.11	0.03
17		4	33.24	28.6	na	0.02	<0.1	0.06	1.8	0.10	0.03
18		8	33.61	29.1	0.15	0.29	0.6	0.10	4.5	0.11	0.03
19		13	35.00	29.8	0.15	0.11	0.2	0.07	3.1	0.12	0.04
20		22			<0.05	0.04	<0.1	0.05	1.3	0.15	0.05
21		29	36.11		<0.05	0.06	<0.1	0.06	2.3	0.16	0.06
22											
23	90G-14-07	1		28.5	0.05	0.01	0.1	0.03	2.6	0.13	0.02
24		7	34.66	28.5	<0.05	0.02	0.1	0.05	2.6	0.12	0.03
25		11	34.66	28.5	<0.05	0.01	0.1	0.04	2.3	0.13	0.02
26		21	35.05	28.6	<0.05	0.02	<0.1	0.03	1.6	0.14	0.04
27		29	36.09	29.0	<0.05	0.02	<0.1	0.03	1.6	0.23	0.06
28		41	36.15	27.8	0.6	1.03	0.1	0.26	11.4	0.56	0.33
29											
30	90G-14-09	1	35.60	28.7	0.1	0.01	0.1	0.03	1.2	0.07	0.02
31		4	35.60	28.7	0.1	0.01	0.1	0.04	1.4	0.07	0.02
32		11	35.60	28.7	0.1	0.02	0.1	0.04	1.3	0.08	0.02
33		19	35.63	28.7	0.1	0.01	0.1	0.02	1.4	0.08	0.02
34		33	36.11	28.6	0.2	0.04	0.1	0.07	3.4	0.14	0.05
35		39	36.25		0.2	0.01	0.1	0.08	3.9	0.24	0.06
36											
37	90G-14-11	1	35.37	28.8	0.2	0.03			3.2	0.21	0.03
38		3	35.44	28.8	0.2	0.02	0.3	0.07	3.2	0.20	0.03
39		6	35.44	28.8	0.2	0.02	0.3	0.07	3.0	0.22	0.03
40		11	35.45	28.8	0.2	0.02	0.1	0.05	3.2	0.44	0.04
41		17	35.57	28.8	0.2	0.05	0.1	0.06	3.6	0.73	0.10
42		26	35.64	28.7	0.2	0.90	0.2	0.12	5.8	0.84	0.10
43		35	35.64	28.7	0.3	1.34	0.3	0.16	6.4	0.79	0.62
44											
45	90G-14-14	1	36.06	28.8	0.2	0.02	0.1	0.11	0.6	0.06	0.02
46		5	36.07	28.8	0.2	0.02	0.3	0.07	0.6	0.07	0.01
47		10	36.07	28.8	0.2	0.02	0.1	0.05	0.6	0.06	0.01
48		19	36.10	28.8	0.2	0.02	0.1	0.06	0.9	0.07	0.02
49		33	36.33	29.0	0.2	0.02	0.1	0.06	0.5	0.09	0.03
50		49	36.35	27.2	0.2	0.02	0.4	0.09	0.6	0.13	0.03
51											
52	90G-14-18	1	35.66	28.6	<0.05	0.03	0.3	0.07	2.7	0.17	0.05
53		7	35.66	28.6	0.1	0.02	0.3	0.09	2.5	0.10	0.03
54		13	35.69	28.6	0.1	0.02	0.3	0.08	2.0	0.11	0.03
55		21	36.07	28.5	<0.05	0.02	0.1	0.08	2.1	0.12	0.04
56		35	36.25	27.1	0.05	0.02	0.2	0.11	2.6	0.19	0.06
57		49	36.28	24.2	0.2	0.02	0.2	0.15	3.4	0.54	0.33



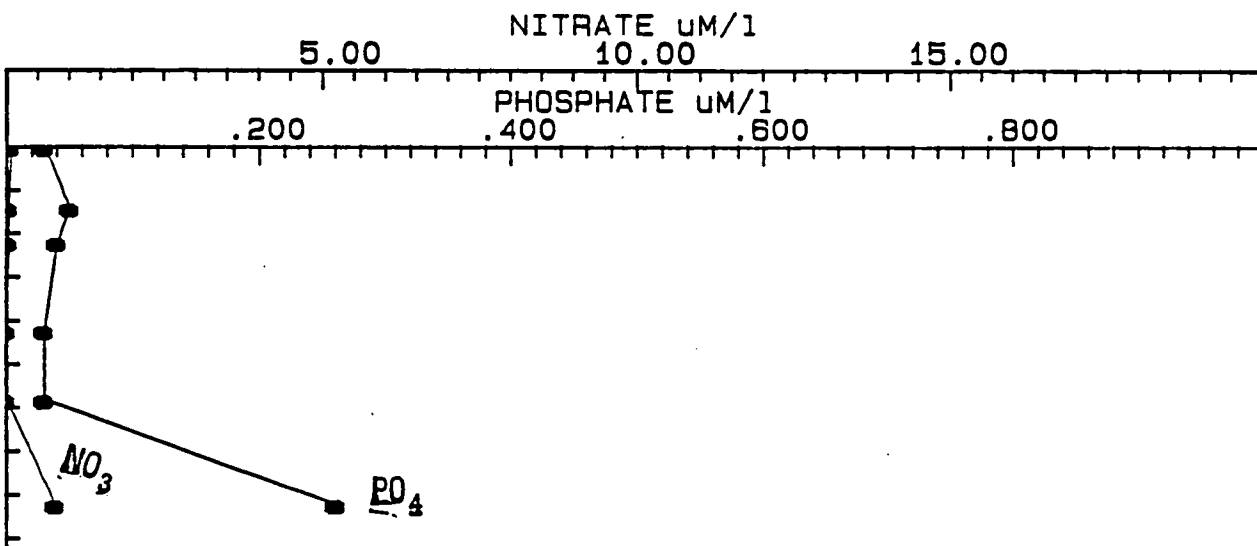
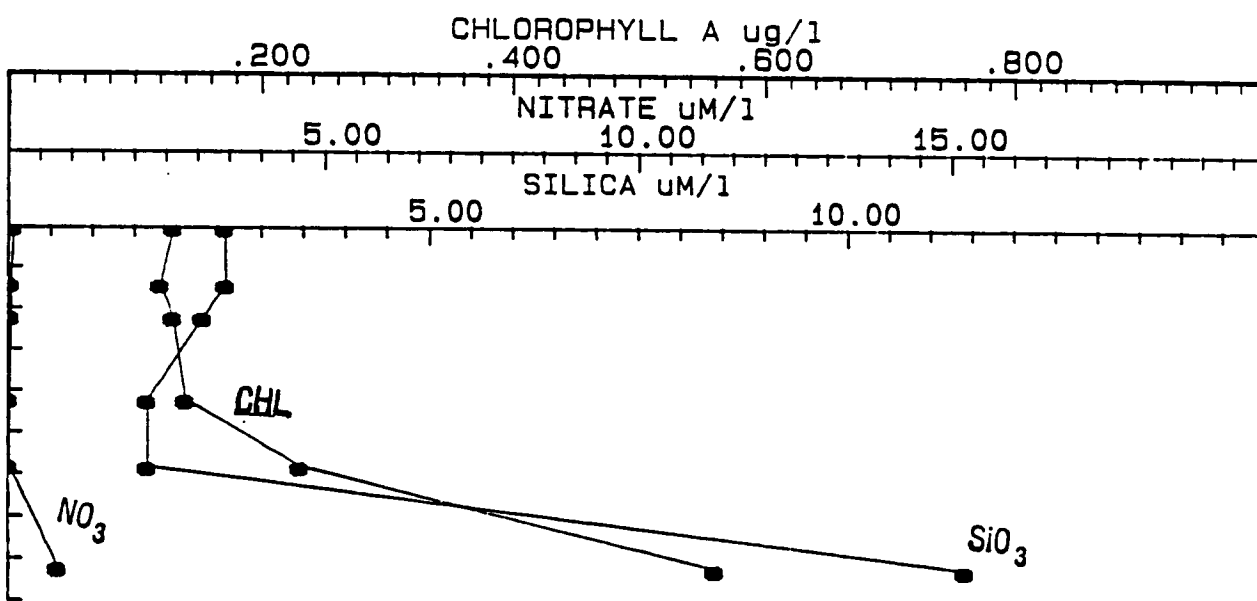
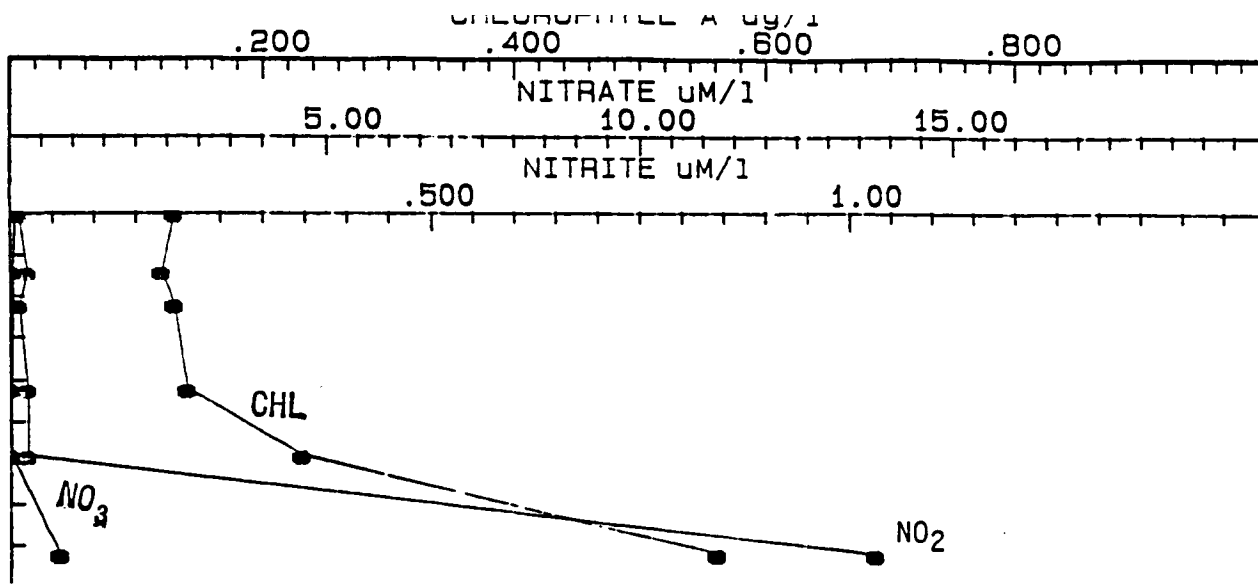
CRUISE: 90G14 STATION: B90G14*01*1 DATE: 1 OCT 90
 LATITUDE: 28 24.7 LONGITUDE: 93 22.0



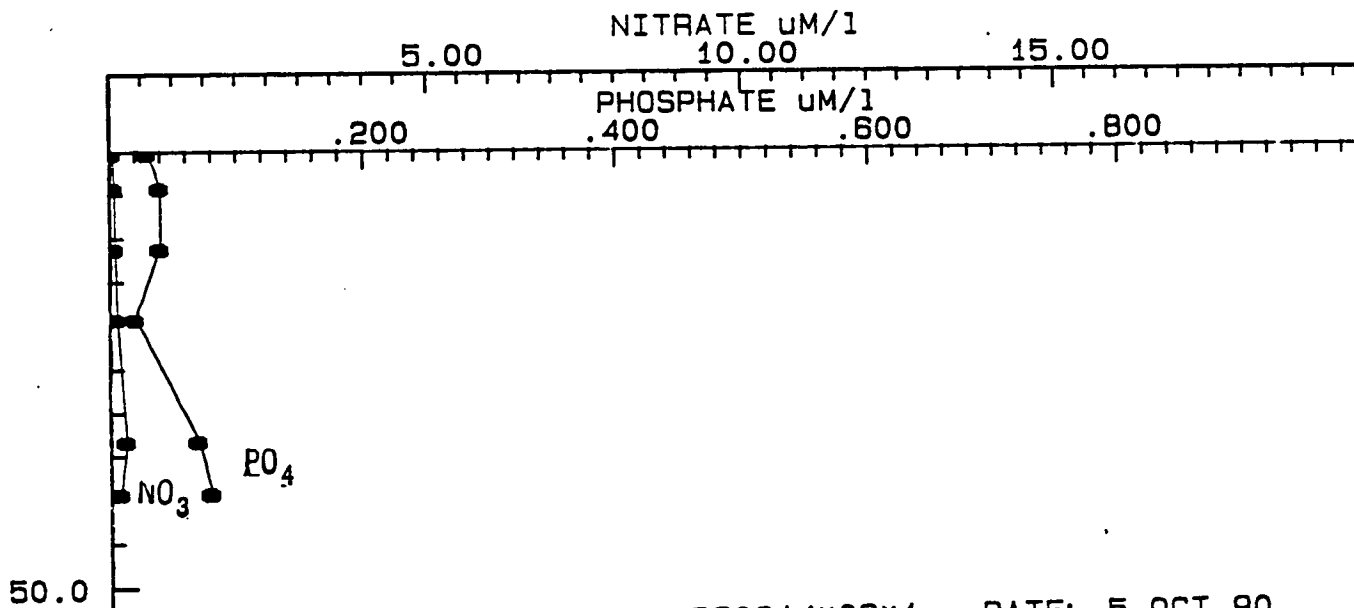
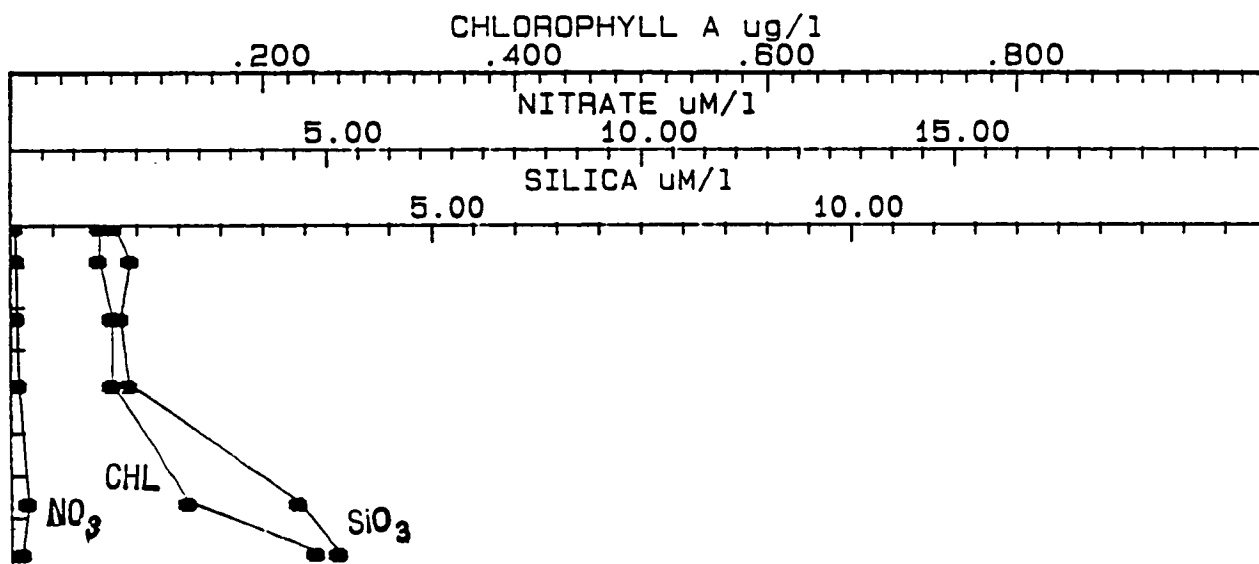
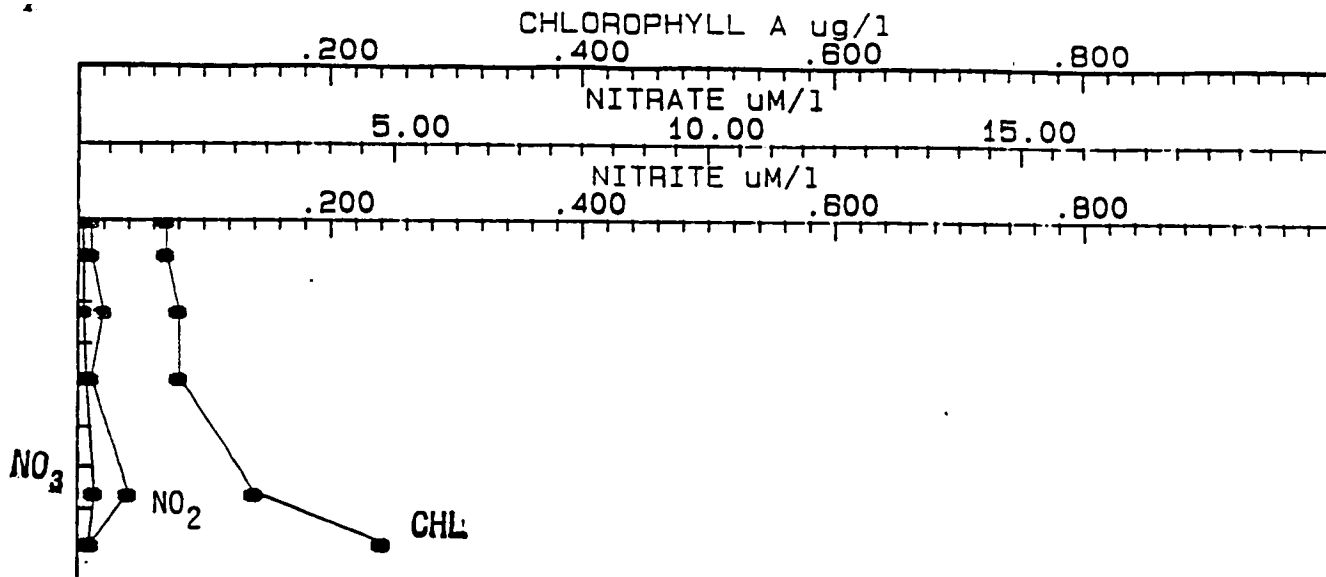
CRUISE: 90G14 STATION: B90G14*03*1 DATE: 20CT90
 LATITUDE: 28 28.8 LONGITUDE: 91 50.2



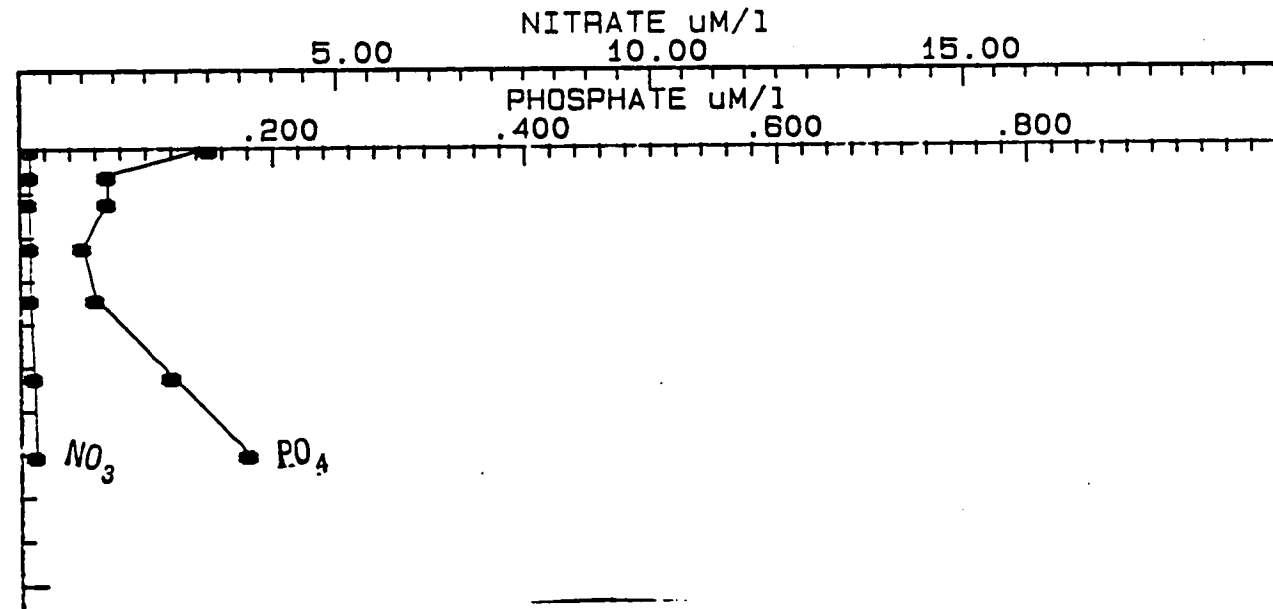
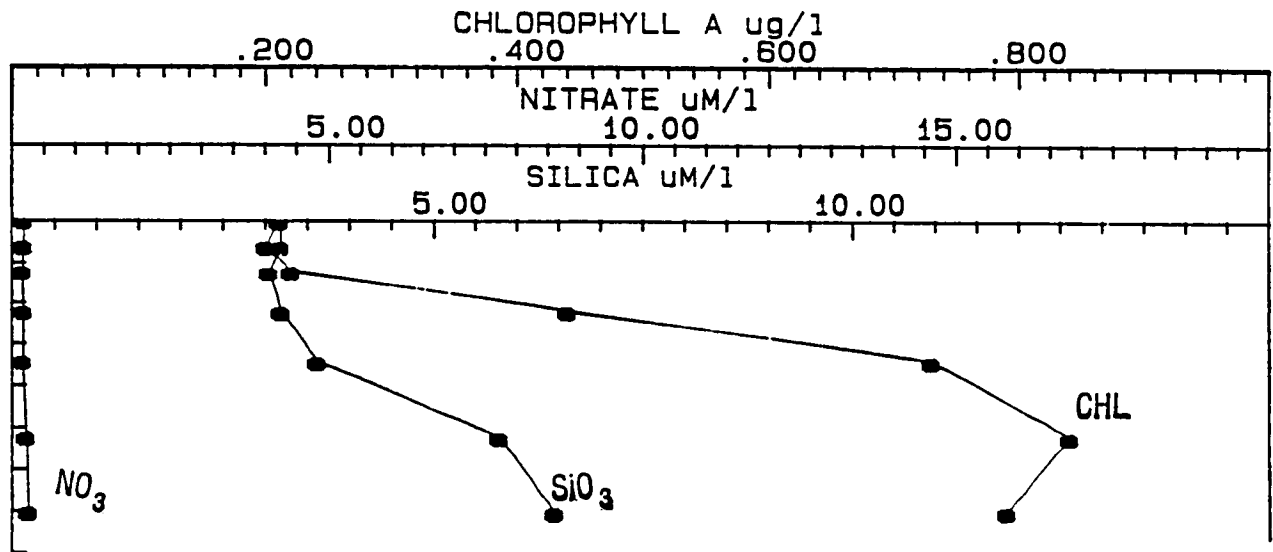
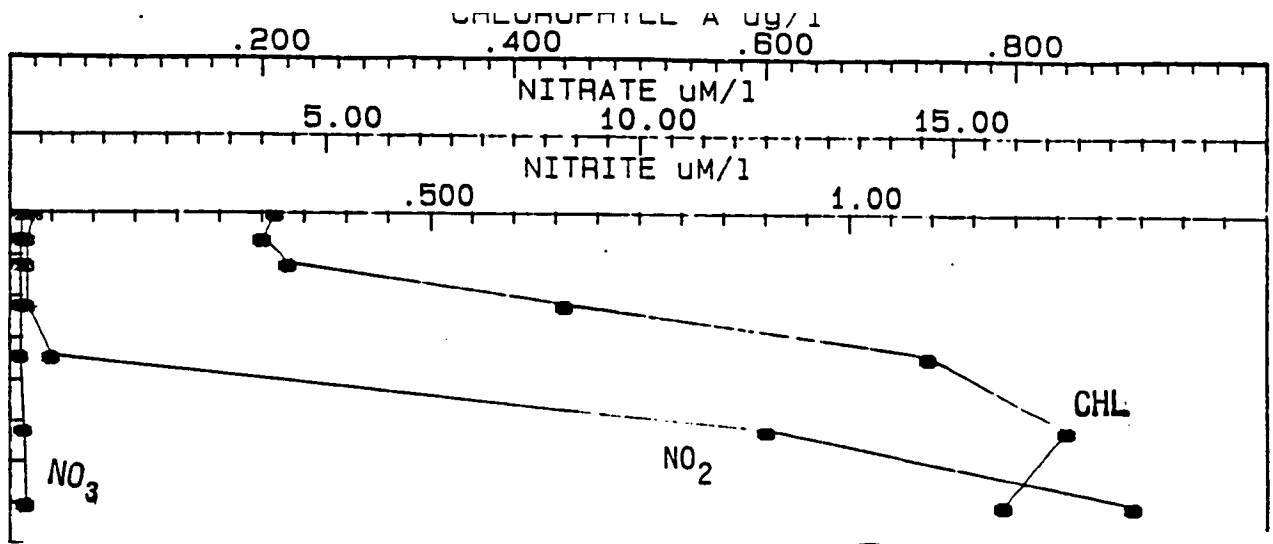
CRUISE: 90G14 STATION: B90G14*06*1 DATE: 3 OCT 90
 LATITUDE: 27 36.7 LONGITUDE: 92 15.3



CRUISE: 90G14 STATION: B90G14*07*1 DATE: 4 OCT 90
 LATITUDE: 28 21.0 LONGITUDE: 94 .2

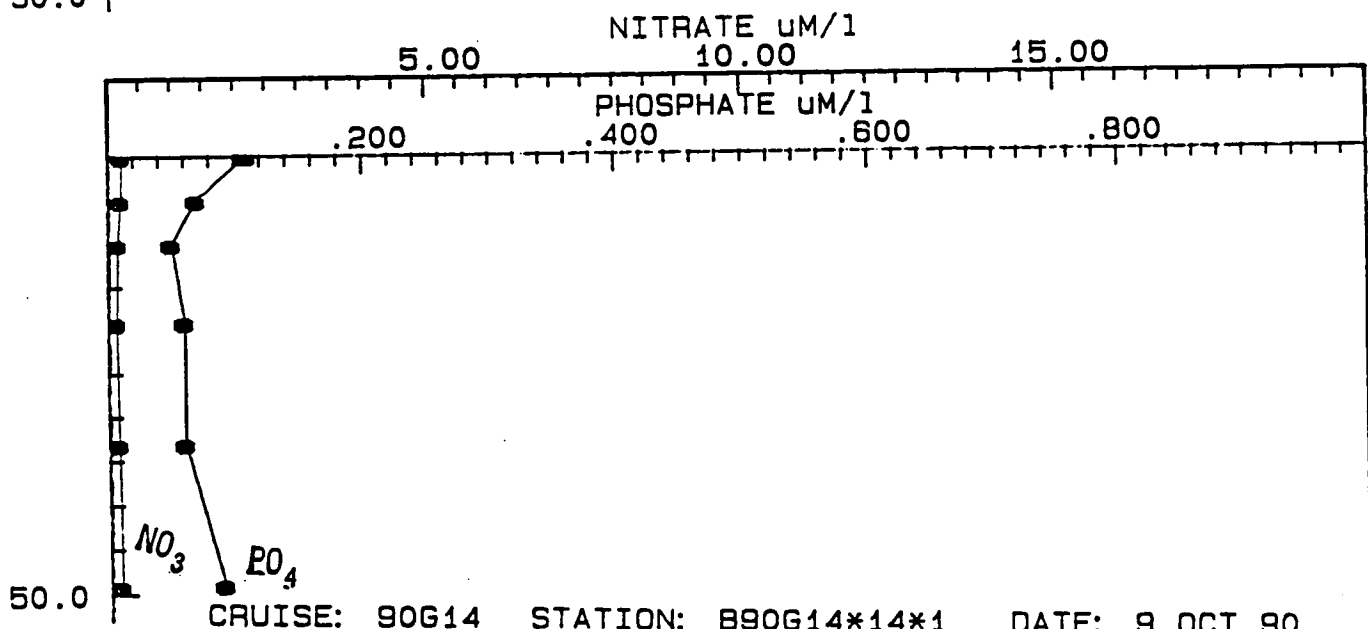
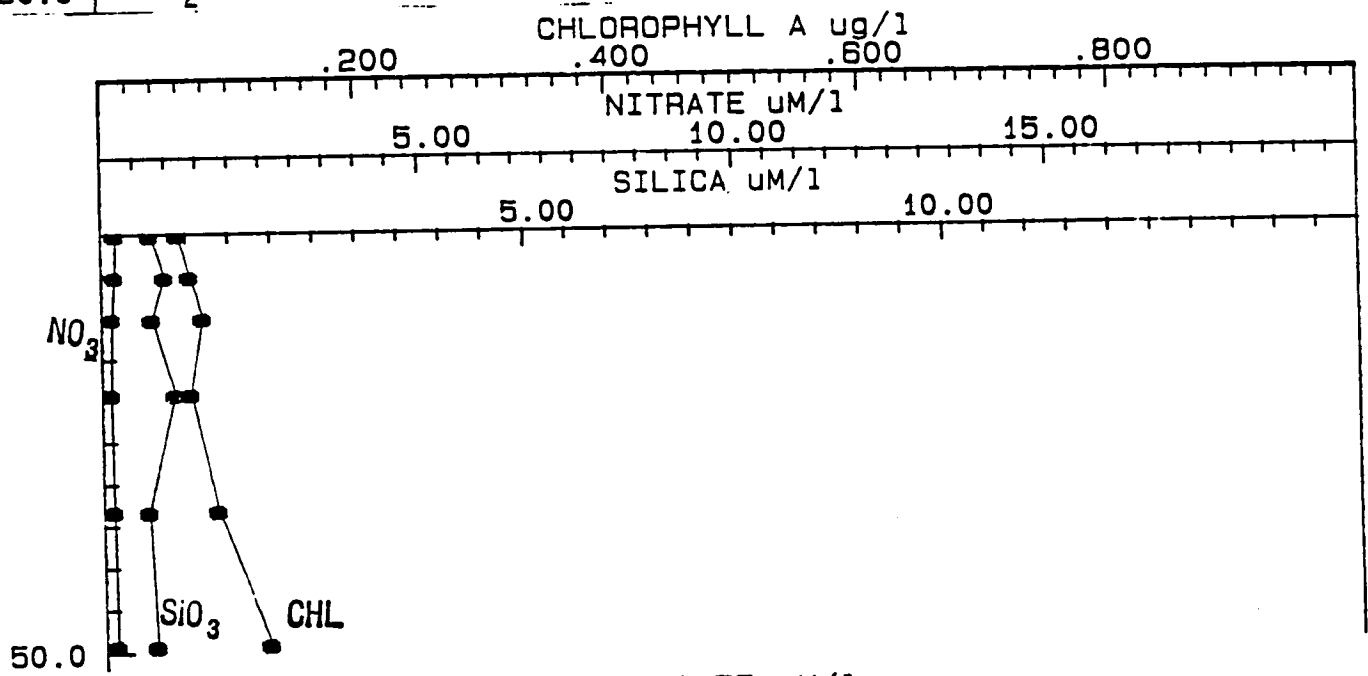
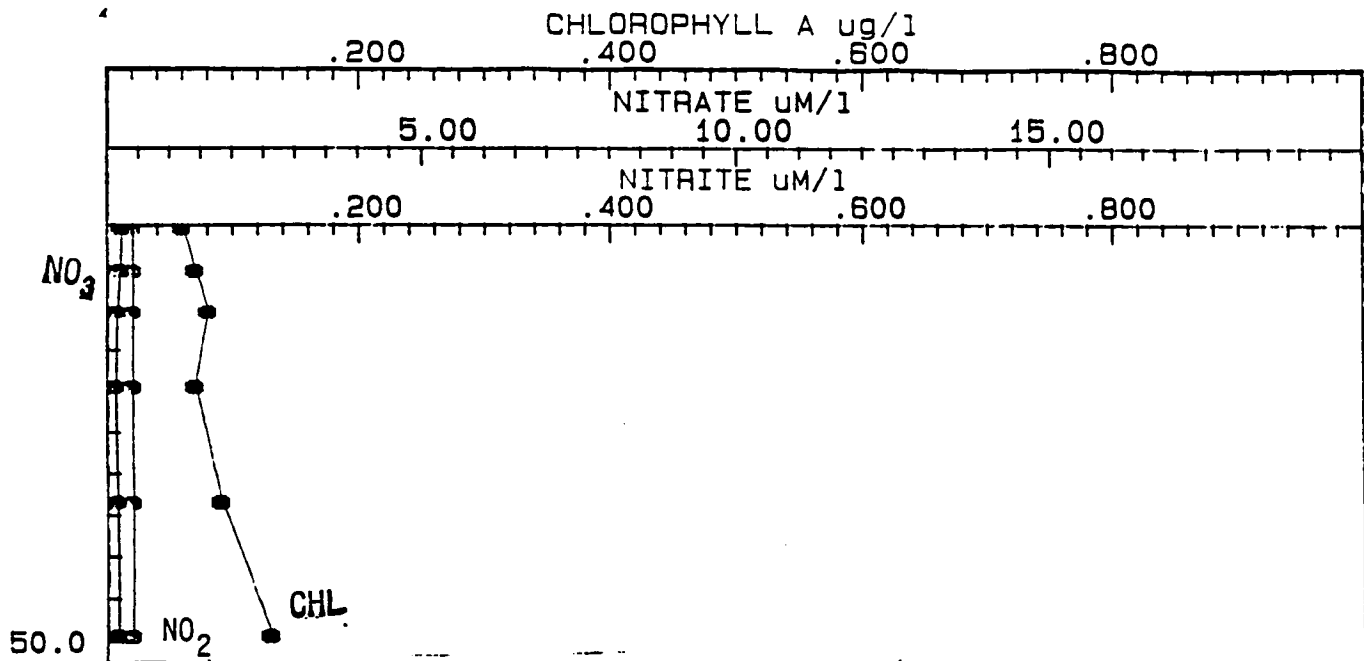


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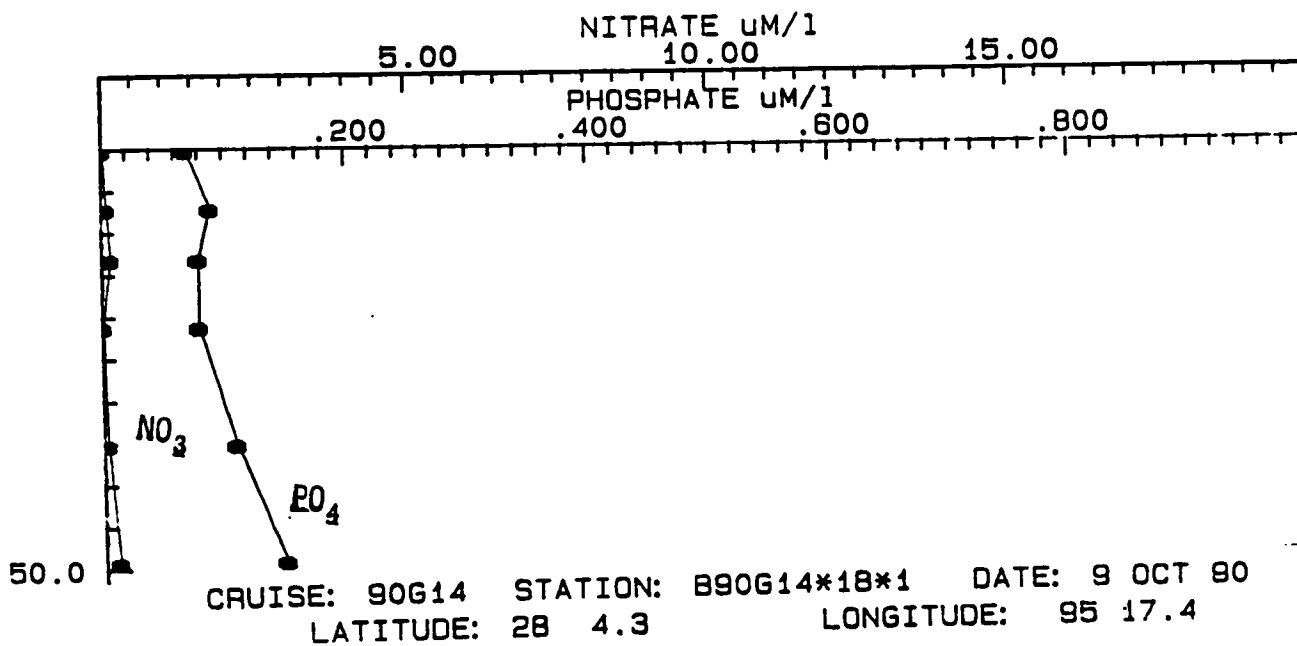
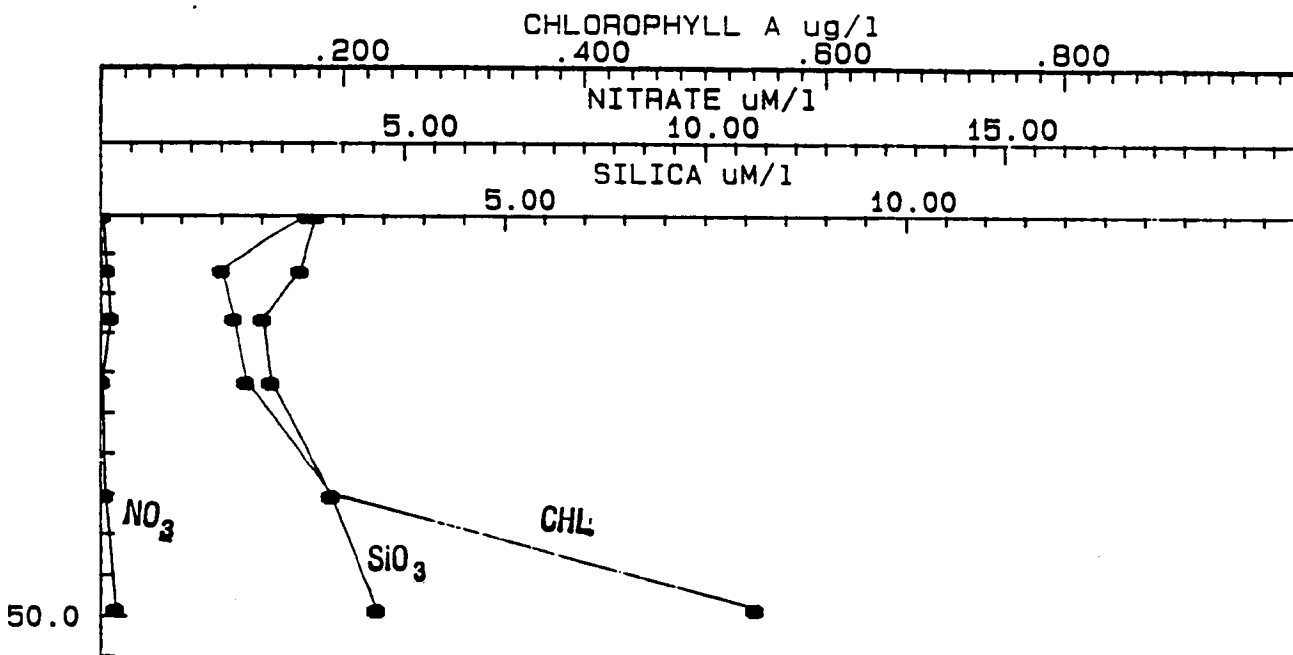
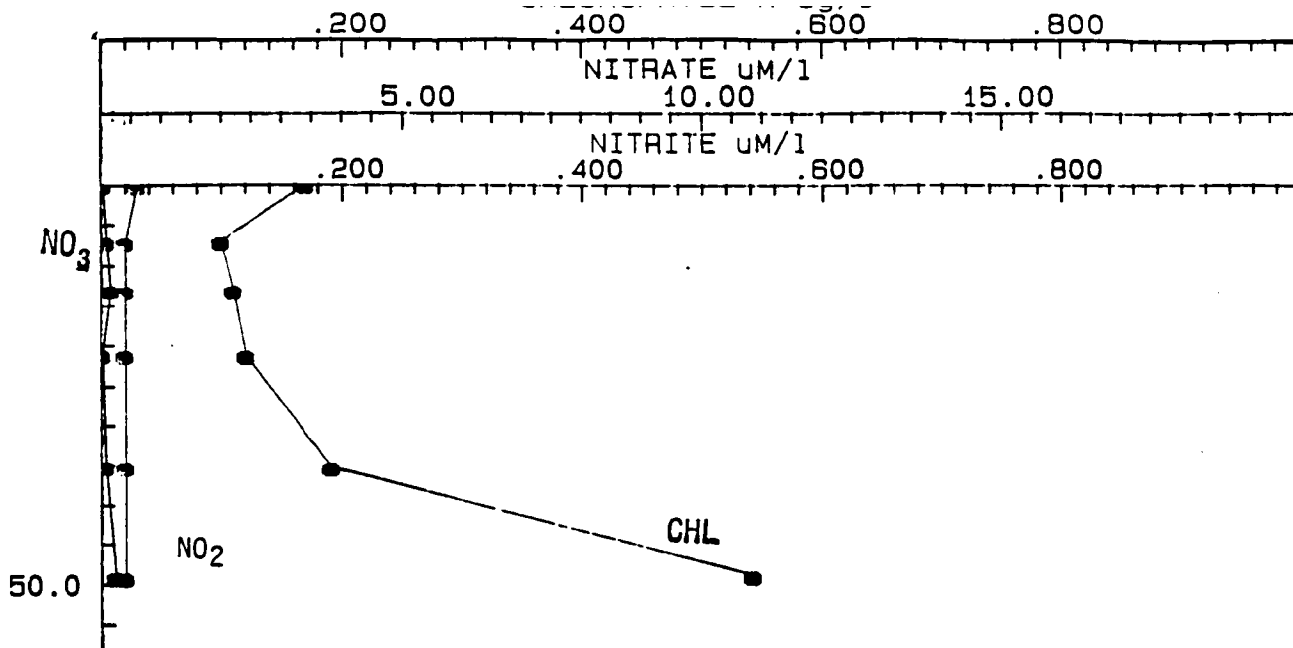


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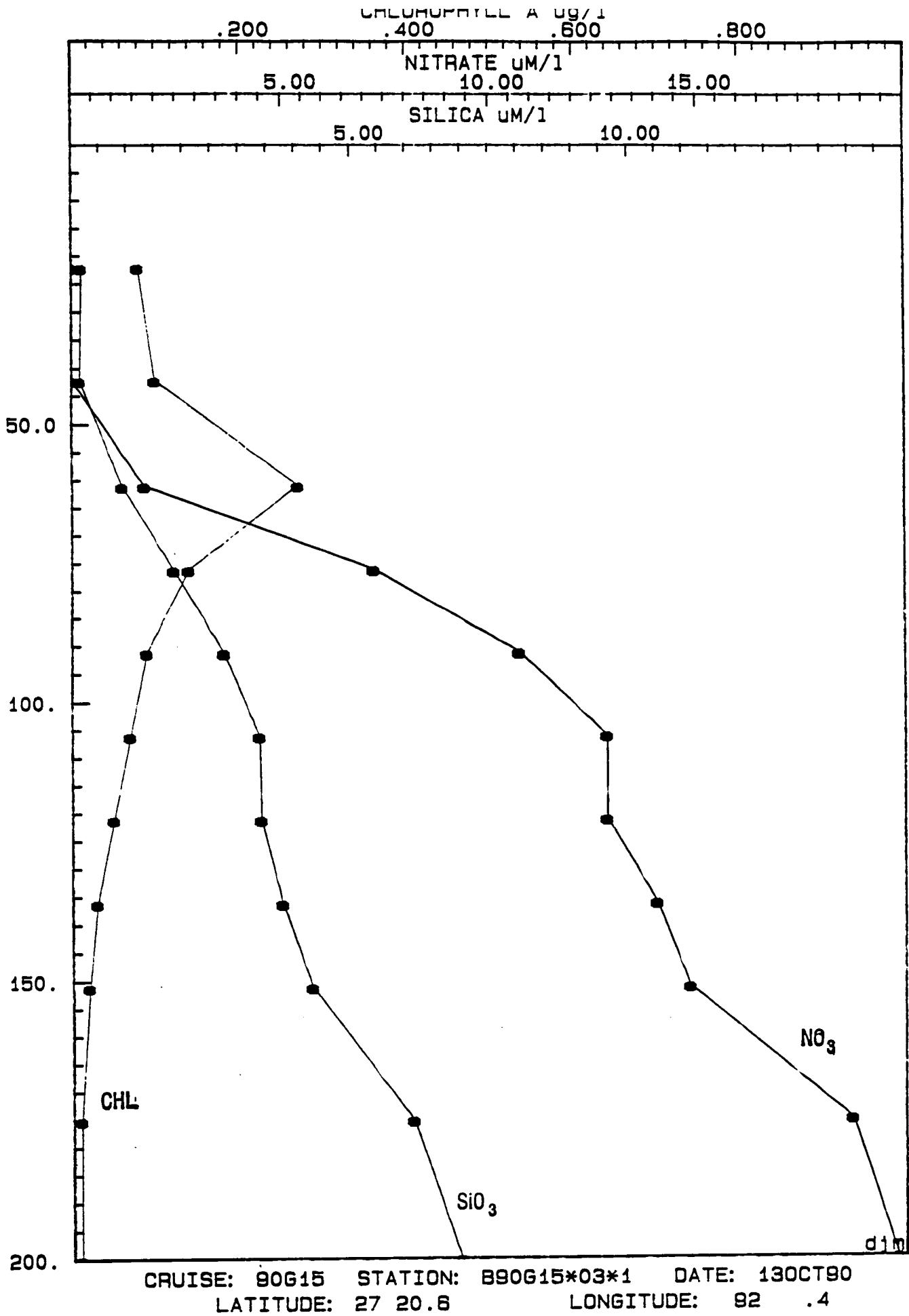
CRUISE: 90G14 STATION: B90G14*11*1 DATE: 6 OCT 90
 LATITUDE: 27 55.8 LONGITUDE: 95 50.8



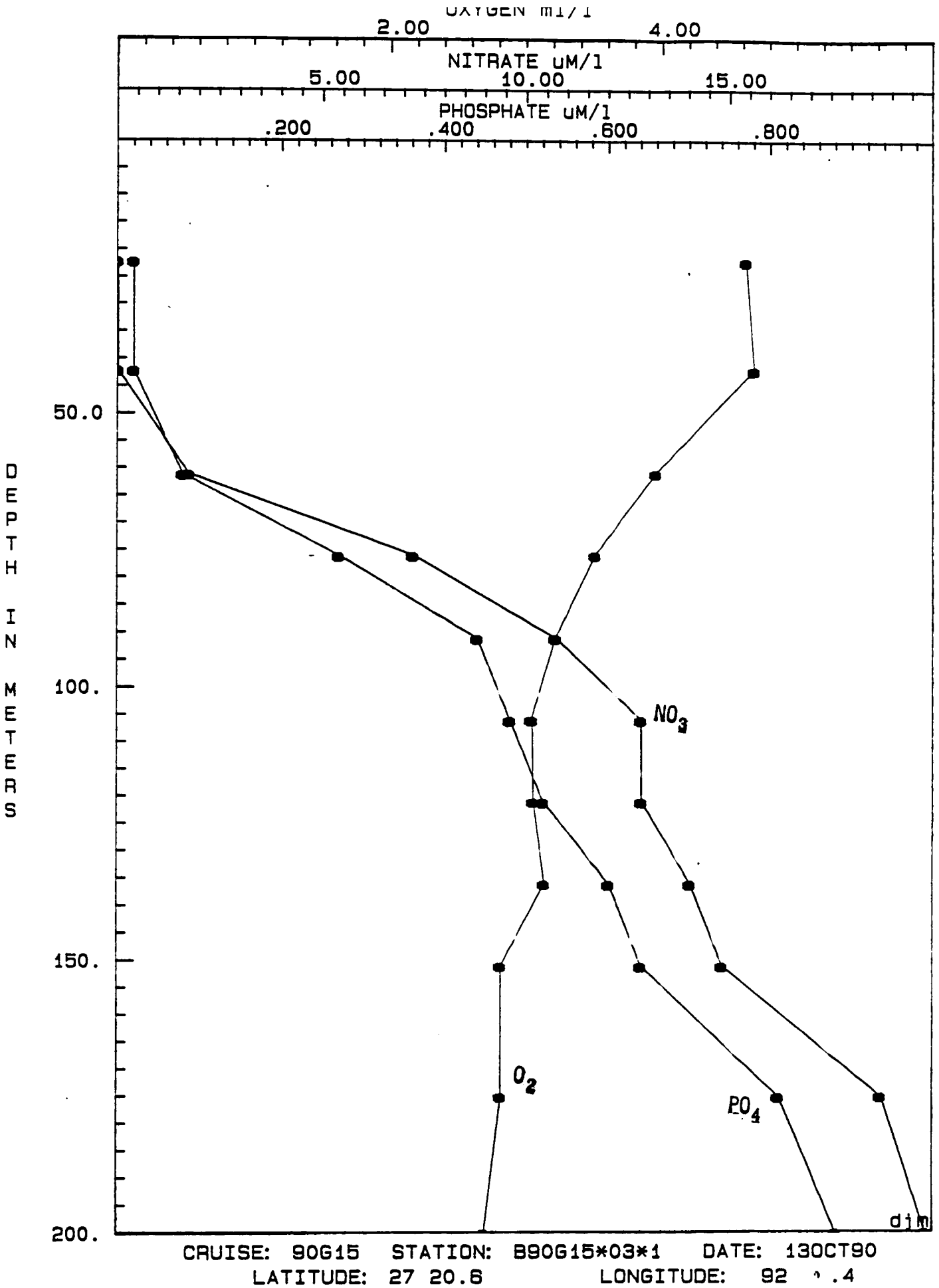
CRUISE: 90G14 STATION: B90G14*14*1 DATE: 9 OCT 90
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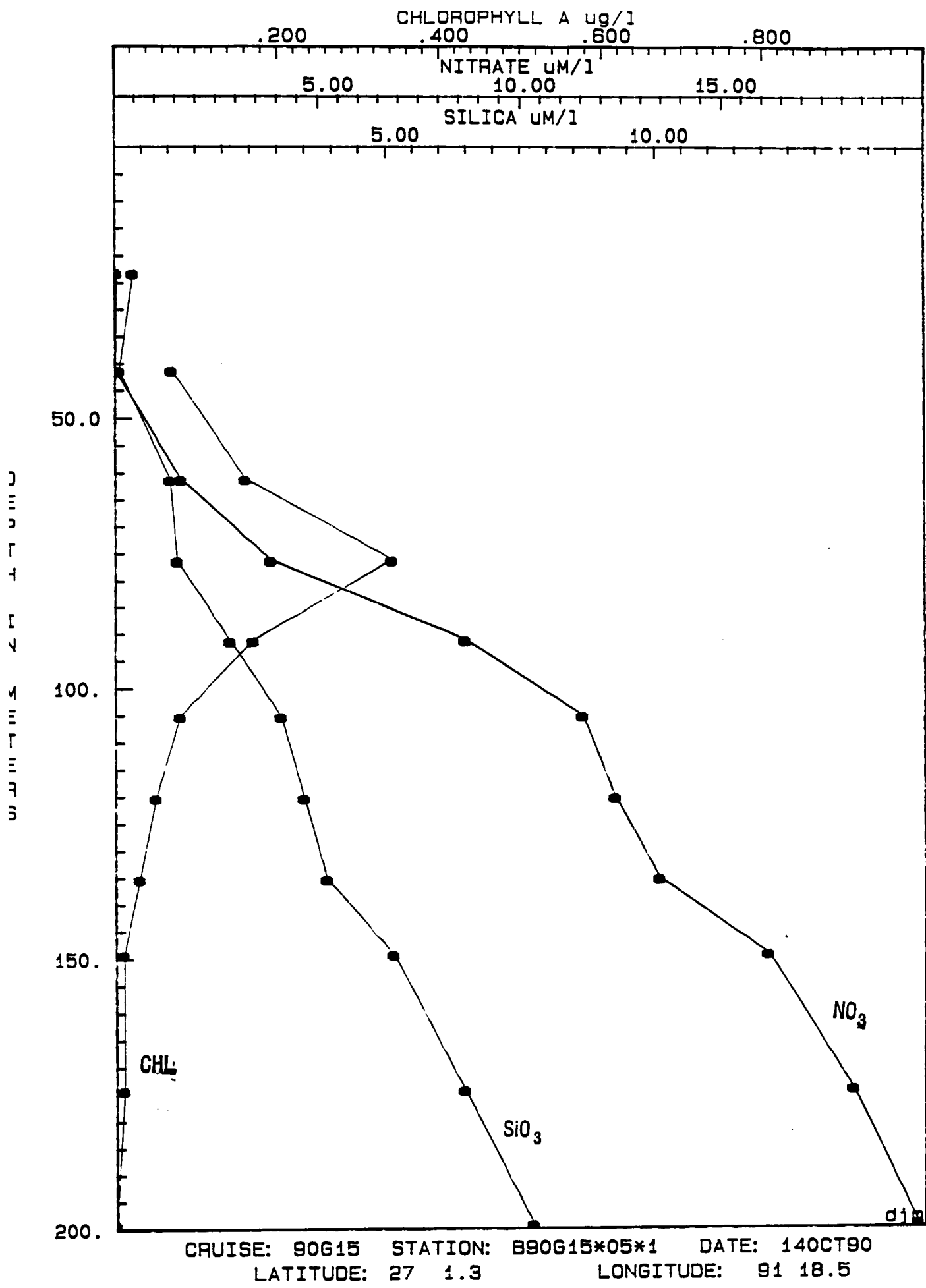


STATION	DEPTH	SALINITY	TEMP	NITRATE	NITRITE	AMMONIUM	PHOSPHATE	SILICATE	CHLOROPHYLL	PHAEO	OXYGEN	
1	90G-15-03	22	38.07	27.8	<0.05	0.03	0.1	0.02	0.2	0.08	0.03	4.82
2		42	38.54	25.4	<0.05	0.08	0.1	0.02	0.2	0.10	0.08	4.68
3		81	38.58	22.5	1.7	0.07	0.1	0.08	0.9	0.27	0.30	3.95
4		76	38.51	20.9	7.2	0.04	<0.1	0.27	1.8	0.14	0.24	3.50
5		91	38.47	19.4	10.7	0.02	<0.1	0.44	2.7	0.09	0.15	3.21
6	(double trip)	108	38.41	18.4	12.8	0.01	<0.1	0.48	3.4	0.07	0.12	3.03
7		121	38.33	17.5	13.0	0.01	<0.1	0.52	3.4	0.05	0.09	3.05
8		138	38.24	16.6	14.0	0.01	0.1	0.60	3.8	0.03	0.08	3.13
9		151	38.02	15.8	14.8	0.01	0.1	0.64	4.3	0.02	0.08	2.81
10		175	35.92	14.8	18.7	0.00	0.1	0.81	8.1	0.01	0.02	2.81
11		200	35.79	13.8	19.8	0.00	0.1	0.88	7.0	0.01	0.02	2.89
12												
13	90G-15-05	23	38.02	27.9	<0.05	0.01	0.1	0.04	0.3	0.07	0.02	4.87
14		41	38.52	26.6	<0.05	0.08	0.1	0.05	0.1	0.07	0.05	4.91
15		81	38.83	22.4	1.8	0.10	0.1	0.12	1.0	0.18	0.40	3.90
16		76	38.55	21.5	3.8	0.01	0.1	0.25	1.2	0.34	0.24	3.78
17		91	38.47	19.5	8.6	0.01	<0.1	0.44	2.1	0.17	0.19	3.30
18		105	38.42	18.5	11.5	0.01	<0.1	0.55	3.1	0.08	0.14	3.10
19		120	38.37	17.7	12.3	0.01	<0.1	0.58	3.5	0.05	0.08	3.17
20		135	38.25	16.9	13.4	0.01	<0.1	0.64	3.9	0.03	0.02	3.19
21		149	38.11	16.2	16.1	0.00	<0.1	0.78	5.1	0.01	0.02	2.91
22		174	35.93	15.2	18.2	0.00	<0.1	0.88	6.4	0.01	0.01	2.78
23		199	35.80	14.4	19.8	0.03	<0.1	1.00	7.7	0.00	0.01	2.88
24												
25	90G-15-07	19	35.88	28.1	<0.05	0.03	0.2	0.01	0.8	0.07	0.04	4.59
26		40	38.18	28.4	<0.05	0.03	0.1	0.01	0.8	0.12	0.02	5.08
27		80	38.38	23.2	0.05	0.03	<0.1	0.03	0.5	0.07	0.14	5.02
28		75	38.44	21.4	0.1	0.03	0.1	0.04	0.7	0.19	0.23	4.50
29		90	38.45	20.5	2.5	0.12	<0.1	0.12	1.2	0.19	0.29	3.87
30		105	38.46	19.4	8.7	0.03	<0.1	0.44	2.8	0.14	0.19	3.17
31		120	38.41	18.5	12.1	0.03	<0.1	0.58	3.6	0.08	0.11	3.03
32		135	38.41	17.8	13.4	0.02	<0.1	0.62	4.0	0.08	0.07	2.99
33		150	38.20	16.6	15.2	0.02	0.1	0.74	4.9	0.04	0.03	2.90
34		178	38.04	15.5	16.5	0.01	0.1	0.82	5.8	0.02	0.01	3.00
35		201	35.85	14.6	19.5	0.01	<0.1	1.00	7.9	0.00	0.01	2.72
36		1000	34.93	4.9	25.7	0.01	.16	1.49	25.7	0.00	0.01	4.39
37												
38	90G-15-09	0	38.18	28.4	0.1	0.04	0.1	0.00	0.7	0.00	0.01	4.84
39		22	38.25	28.3	<0.05	0.04	0.1	0.00	0.8	0.08	0.02	4.72
40		41	38.38	28.3	0.05	0.04	0.1	0.01	0.5	0.07	0.02	4.88
41		81	38.38	25.8	0.05	0.04	0.2	0.00	0.5	0.08	0.10	5.37
42		76	38.38	23.3	0.1	0.04	0.04	0.00	0.8	0.24	0.18	4.99
43		91	38.38	21.8	0.1	0.04	0.1	0.01	0.9	0.29	0.19	4.85
44		105	38.41	20.9	0.1	0.04	0.1	0.02	0.8	0.18	0.17	4.38
45		120	38.42	19.6	0.8	0.15	0.1	0.04	0.9	0.09	0.15	3.39
46		135	38.38	18.3	7.8	0.08	<0.1	0.27	2.2	0.07	0.13	2.95
47		149	38.27	17.4	13.1	0.05	<0.1	0.57	3.8	0.05	0.08	2.92
48		174	38.12	16.2	14.5	0.02	<0.1	0.66	4.5	0.04	0.03	2.88
49		199	35.94	15.2	16.4	0.01	<0.1	0.78	5.5	0.02	0.02	2.78
50												
51	90G-15-11	5	38.53	28.9	<0.05	0.02	0.1	0.01	0.3	0.06	0.02	4.76
52		20	38.56	28.7	<0.05	0.02	0.1	0.02	0.3	0.06	0.01	4.88
53		40	38.54	28.5	<0.05	0.02	0.1	0.02	0.3	0.07	0.02	4.84
54		80	38.54	25.9	<0.05	0.02	0.1	0.03	0.3	0.12	0.04	5.37
55		74	38.53	24.6	<0.05	0.02	0.1	0.02	0.3	0.14	0.05	5.18
56		90	38.53	24.2	0.05	0.03	0.1	0.02	0.3	0.21	0.07	4.87
57		105	38.51	23.7	<0.05	0.02	<0.1	0.01	0.3	0.21	0.19	4.89
58		120	38.51	23.5	<0.05	0.05	0.1	0.02	0.3	0.08	0.09	4.78
59		135	38.48	22.7	0.4	0.09	0.1	0.04	0.5	0.09	0.24	5.03
60		150	38.49	21.5	2.0	0.07	0.1	0.11	0.8	0.07	0.16	3.74
61		173	38.42	19.8	8.8	0.01	0.1	0.38	2.3	0.04	0.10	3.40
62		199	38.38	17.8	13.8	0.01	<0.1	0.59	3.6	0.03	0.07	2.97
63	CTD 11 deep	250	38.10	15.3	17.2	0.03	<0.1	0.83	5.5	0.03	0.03	2.88
64		500	35.15	9.8	29.1	0.03	<0.1	1.52	16.1	0.04	0.03	2.59
65		1200	34.94	4.7	26.5	0.02	<0.1	1.40	26.7	0.02	0.02	4.39
66												
67	90G-15-13	4	38.30	28.5	<0.05	0.01	0.2	0.03	0.5	0.05	0.01	4.82
68		19	38.37	28.5	<0.05	0.01	0.3	0.06	0.5	0.05	0.01	4.82
69		39	38.50	28.8	<0.05	0.01	0.3	0.02	0.4	0.05	0.01	4.70
70		59	38.54	28.3	<0.05	0.01	0.3	0.02	0.3	0.09	0.01	5.45
71		82	38.54	26.1	<0.05	0.04	.14	0.04	0.3	0.00	0.00	5.74
72		74	38.54	25.0	0.05	0.02	0.3	0.02	0.3	0.12	0.03	5.32
73		89	38.53	24.2	0.05	0.04	0.1	0.02	0.3	0.18	0.04	5.08
74		104	38.53	23.8	0.05	0.04	<0.1	0.02	0.3	0.18	0.05	4.84
75		119	38.52	23.8	<0.05	0.05	<0.1	0.02	0.4	0.10	0.08	4.72
76		134	38.47	23.2	0.4	0.08	<0.1	0.04	0.7	0.07	0.08	4.48
77		149	38.44	22.1	1.1	0.19	<0.1	0.10	1.1	0.05	0.05	4.41
78		174	38.45	20.8	6.5	0.02	0.1	0.31	2.1	0.03	0.04	3.81
79		199	38.51	19.3	10.0	0.02	0.1	0.45	2.8	0.02	0.02	3.23
80	CTD 13 deep	251	38.22	17.0	14.2	0.00	0.2	0.79	5.0	0.03	0.03	3.28
81		499	35.18	9.8	28.9	0.00	0.4	1.48	18.7	0.02	0.02	2.79
82		1492	34.98	4.3	23.5	0.00	0.1	1.32	26.3	0.03	0.03	5.18
83		1889	34.97	4.3	23.0	0.00	0.3	1.34	25.7	0.03	0.03	5.23
84		2289	34.97	4.3	22.0	0.00	0.1	1.31	25.8	0.03	0.03	5.29
85												
86	90G-15-15	59	38.42	28.5	<0.05	0.04	<0.1	0.03	0.4	0.14	0.04	4.95
87		74	38.54	25.7	<0.05	0.02	<0.1	0.03	0.3	0.18	0.06	5.28
88		90	38.51	24.7	0.05	0.02	<0.1	0.03	0.5	0.22	0.10	5.18
89		109	38.64	23.7	2.0	0.02	<0.1	0.14	0.9	0.11	0.07	4.04
90		120	38.59	22.0	2.7	0.02	0.2	0.18	1.3	0.05	0.07	3.95
91		135	38.54	20.8	5.3	0.02	0.1	0.28	2.0	0.05	0.09	3.58
92		150	38.48	19.7	8.0	0.02	0.1	0.39	2.4	0.03	0.09	3.45
93		199	38.18	16.7	14.6	0.02	0.1	0.72	4.9	0.01	0.02	3.14
94		1001	34.92	4.8	26.4	0.00	0.1	1.48	26.8	0.01	0.01	4.20

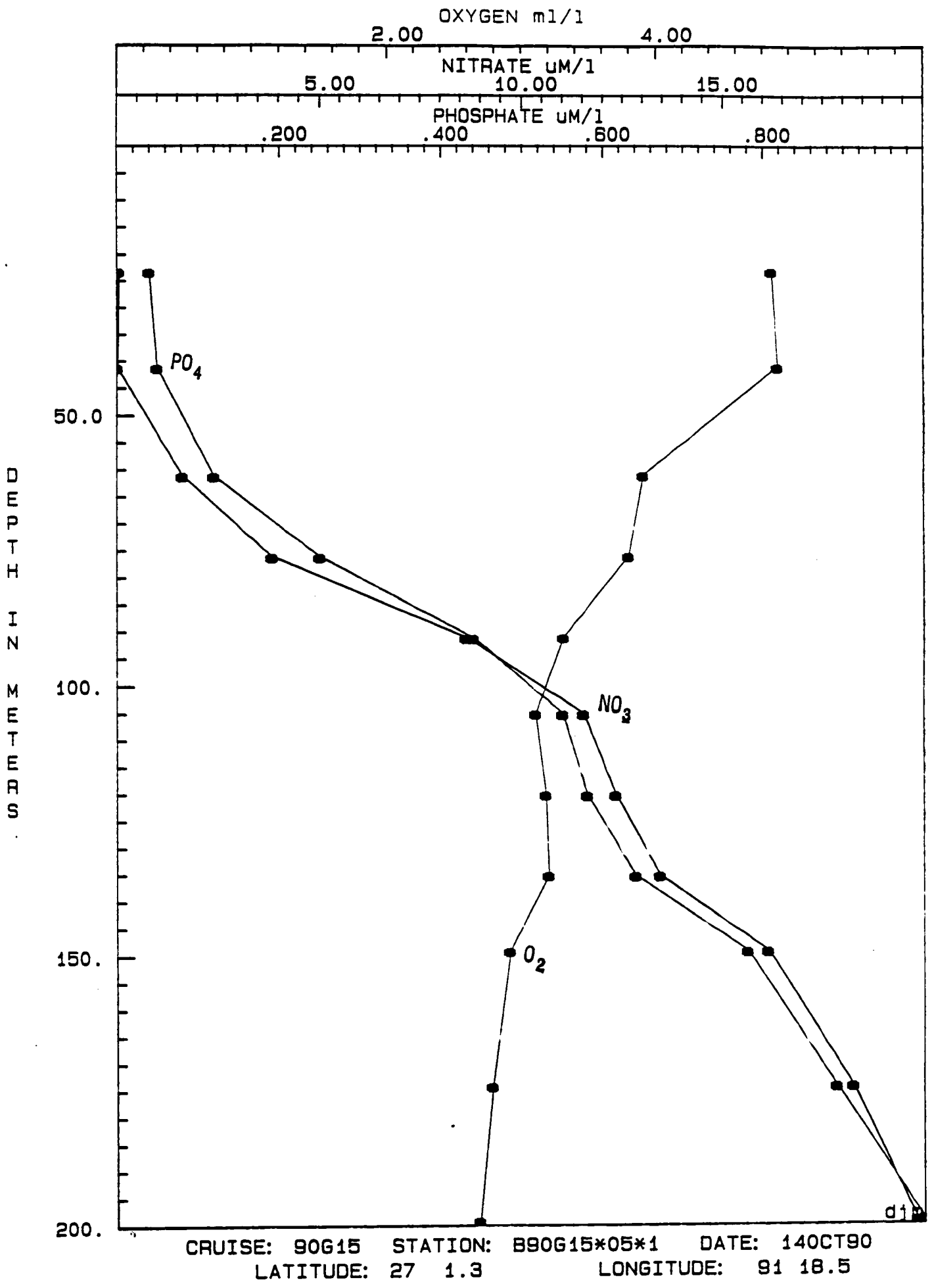


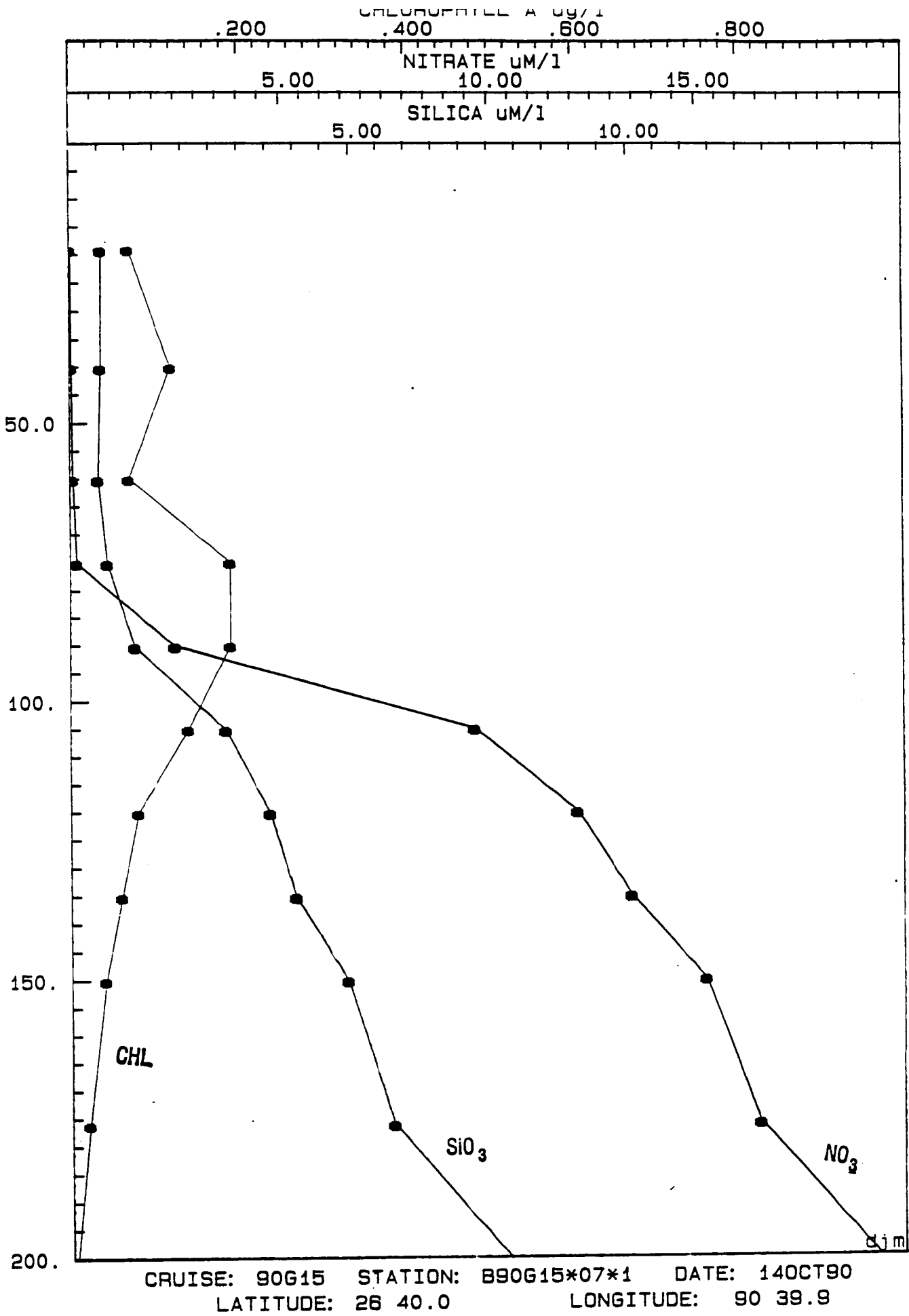
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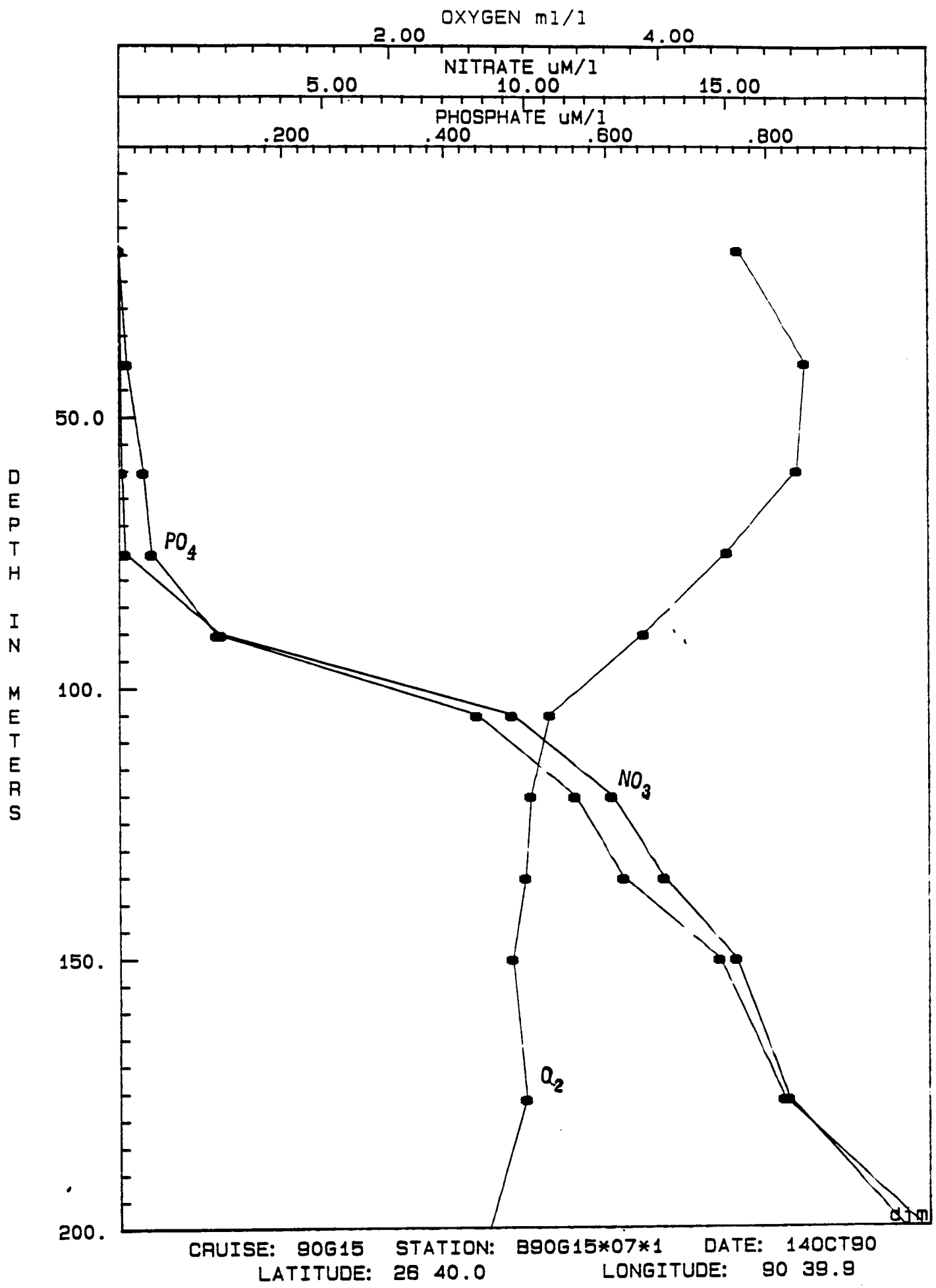




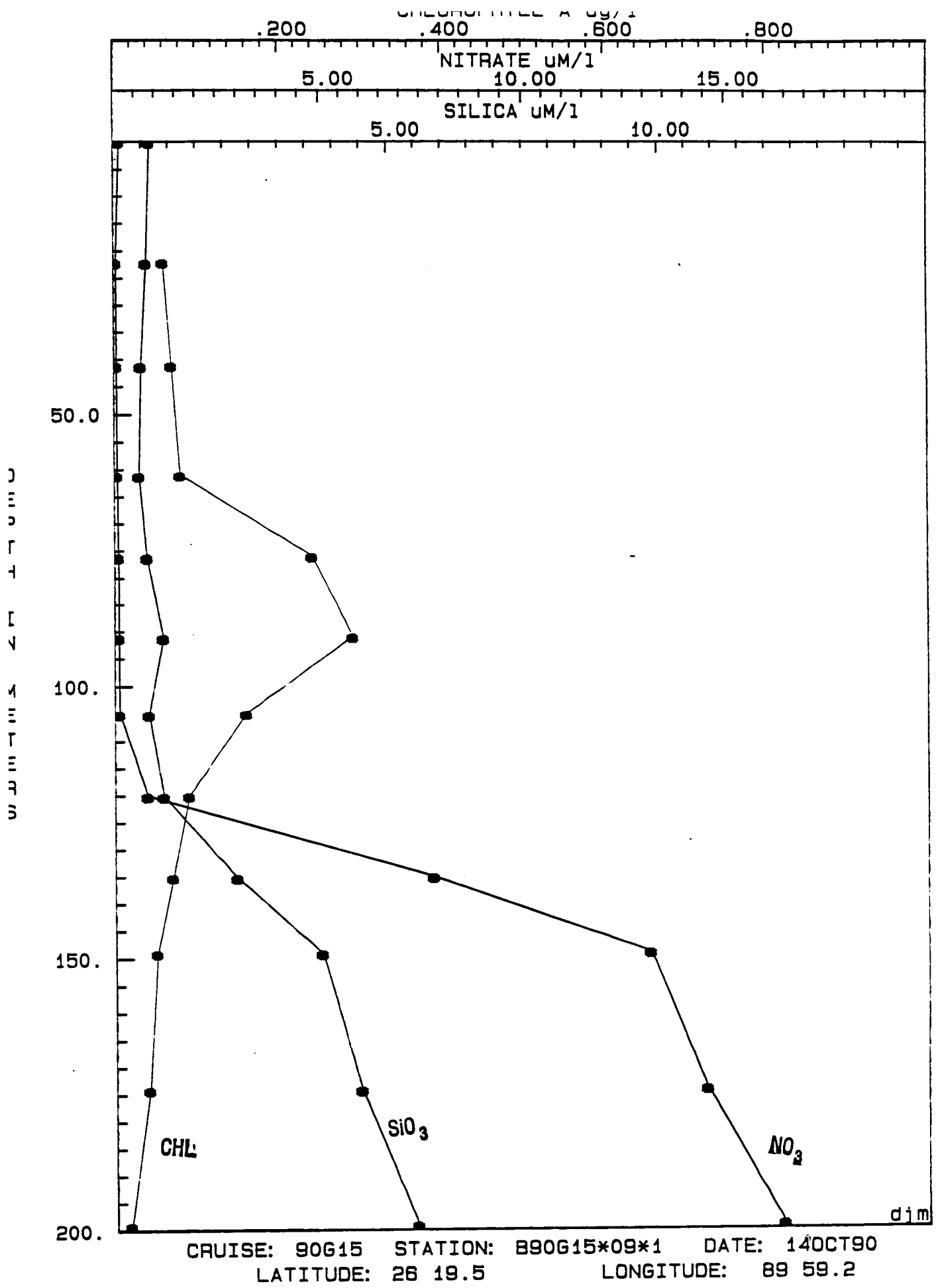
CRUISE: 90G15 STATION: B90G15*05*1 DATE: 14OCT90
 LATITUDE: 27 1.3 LONGITUDE: 91 18.5



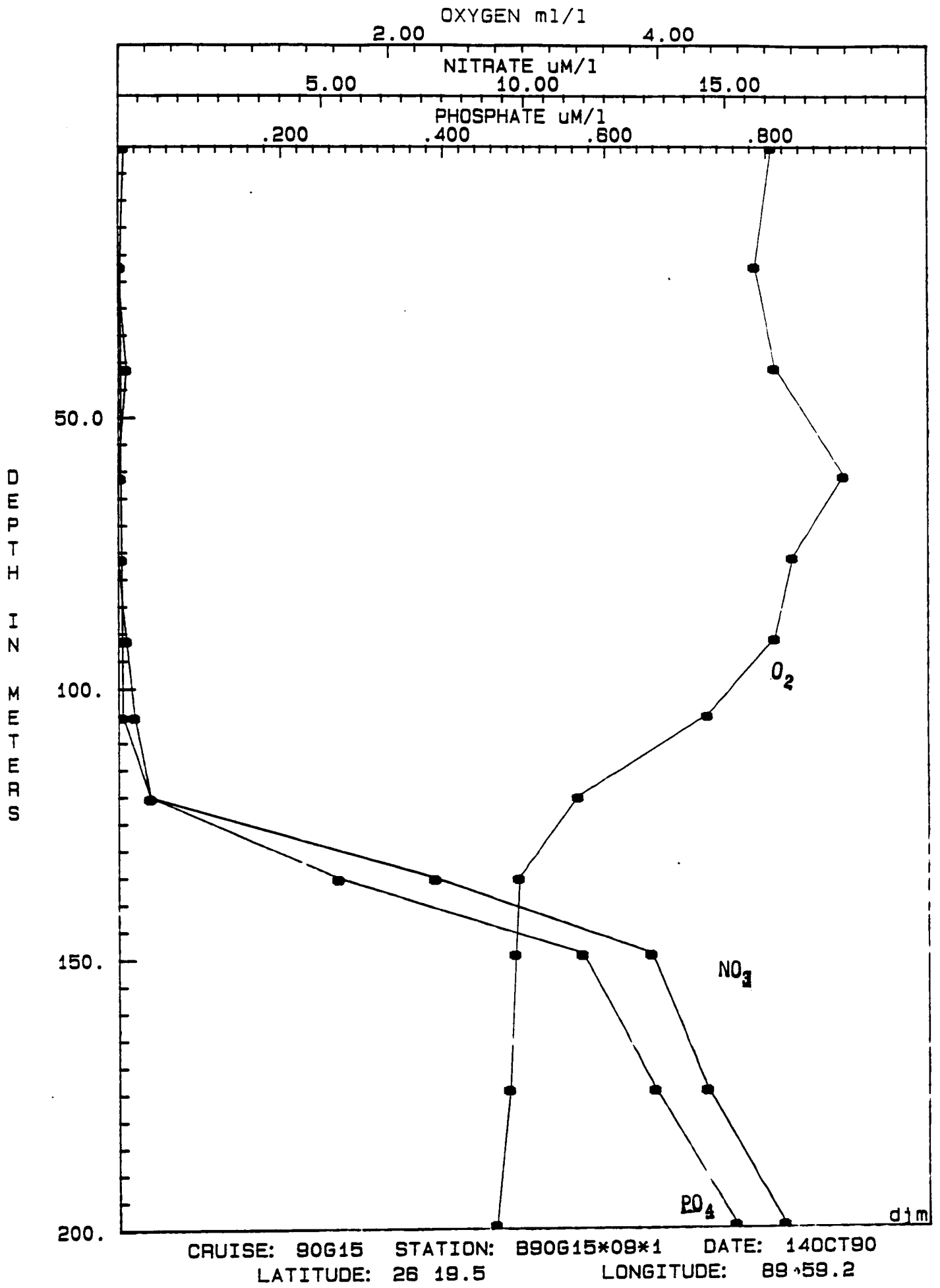




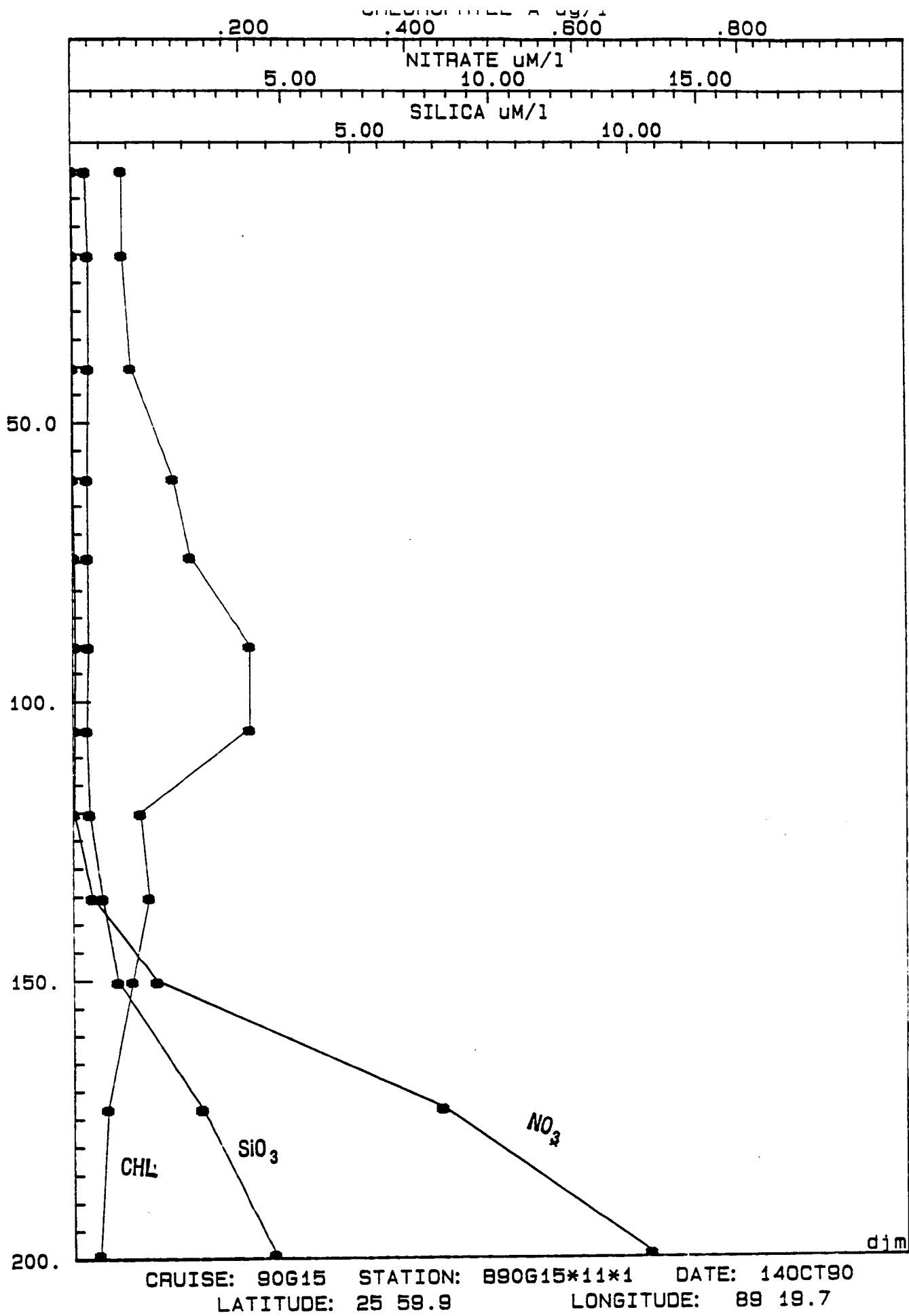
CRUISE: 90G15 STATION: B90G15*07*1 DATE: 14OCT90
 LATITUDE: 26 40.0 LONGITUDE: 90 39.9

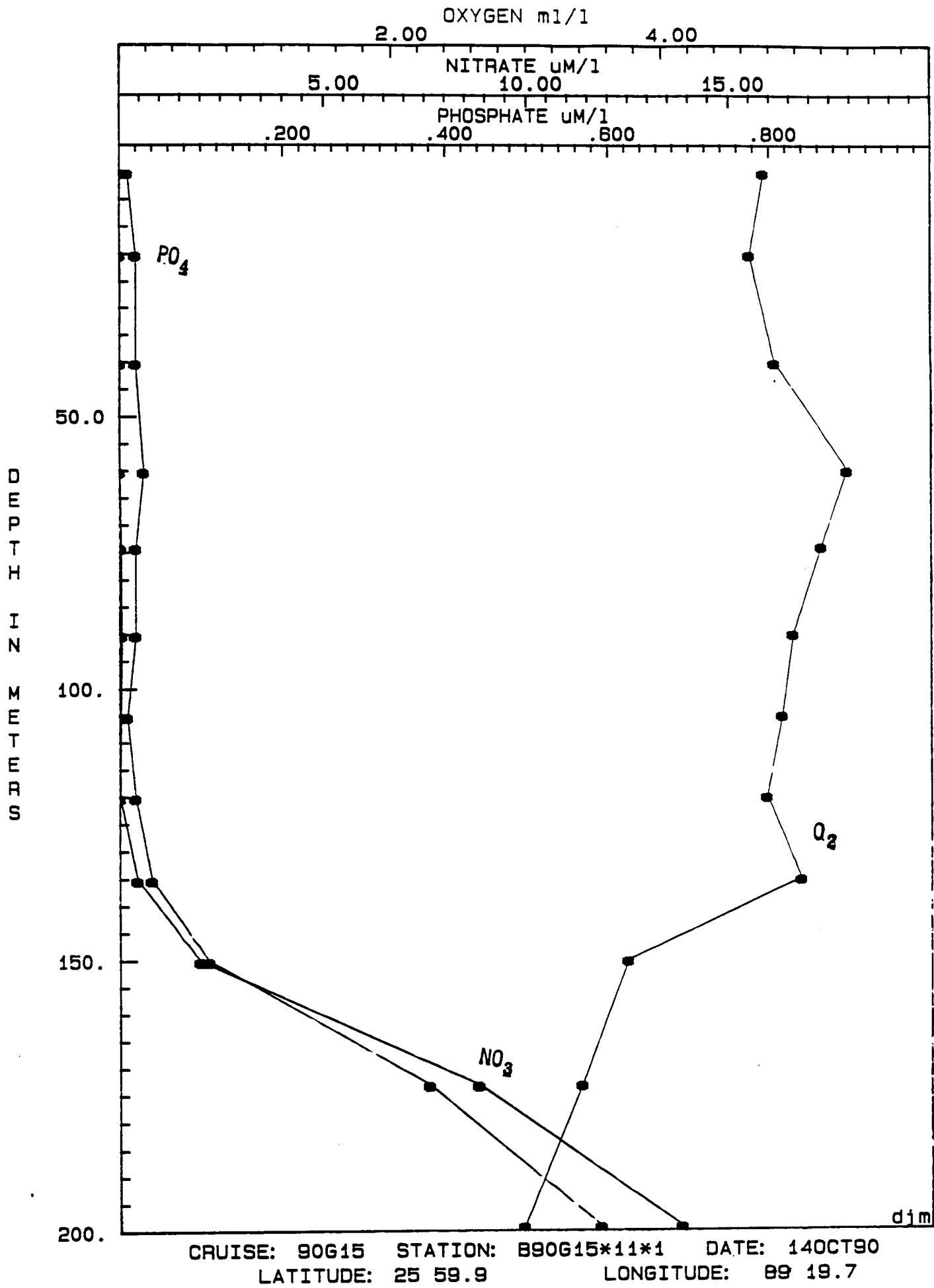


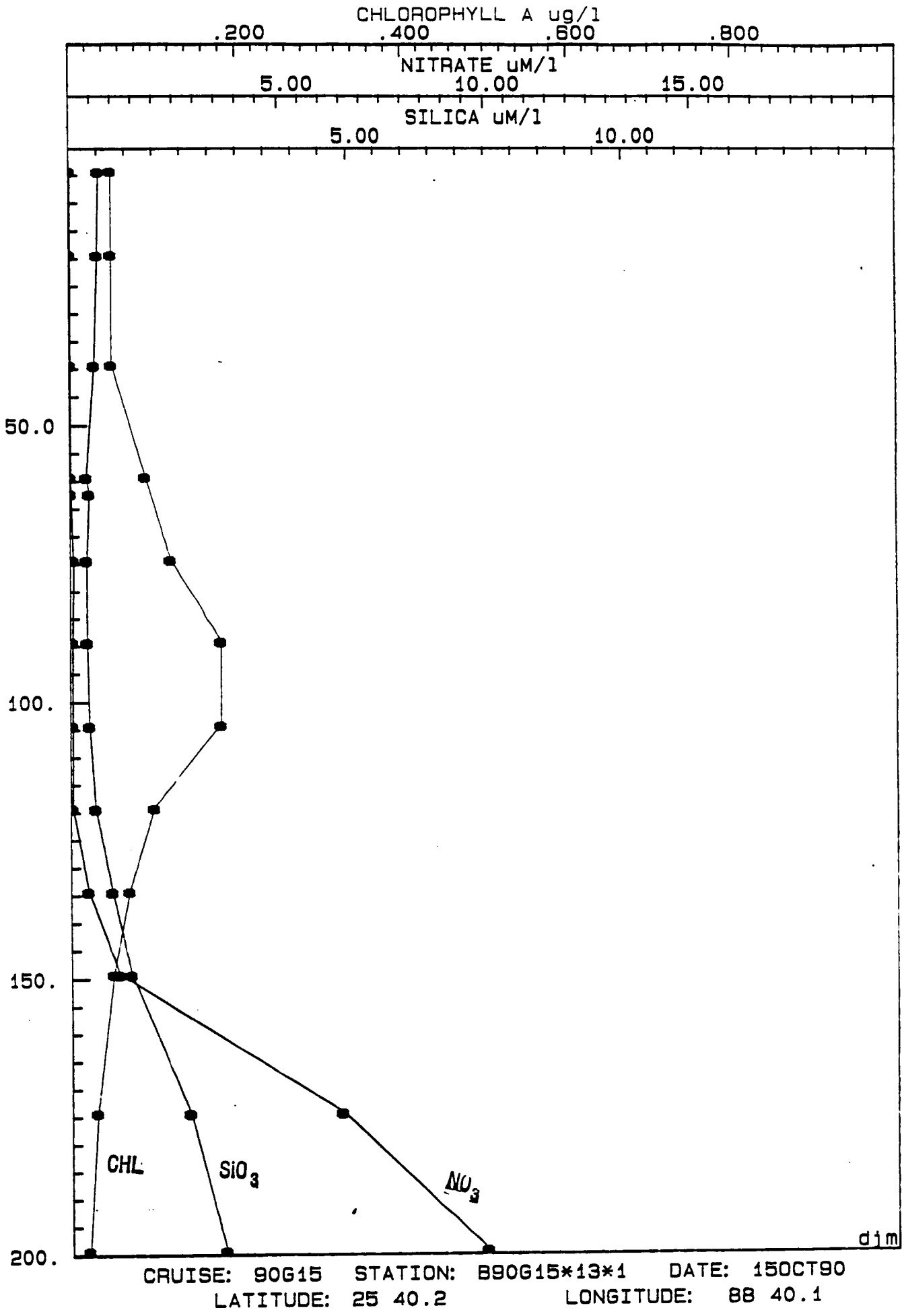
CRUISE: 90G15 STATION: B90G15*09*1 DATE: 14OCT90
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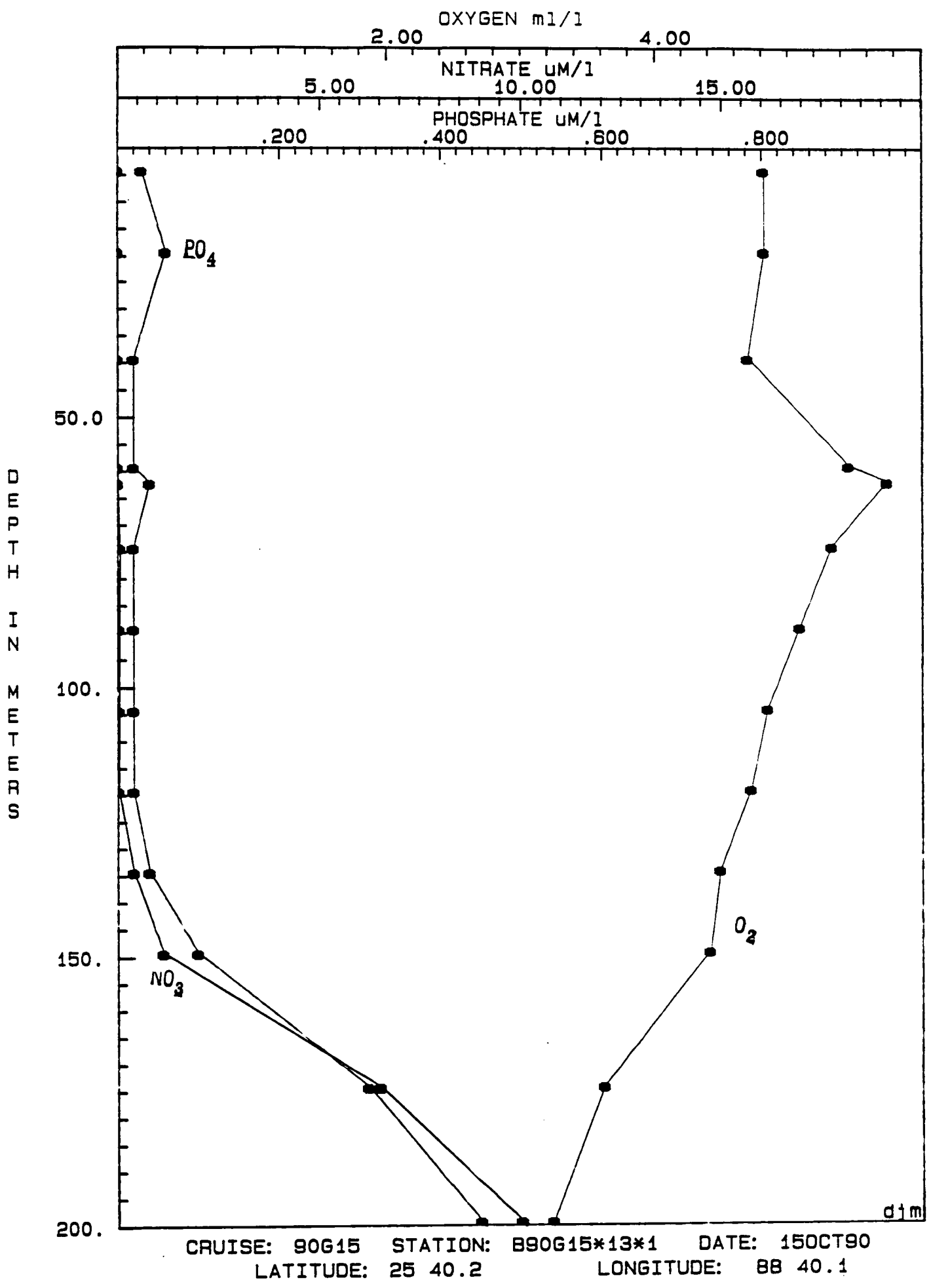


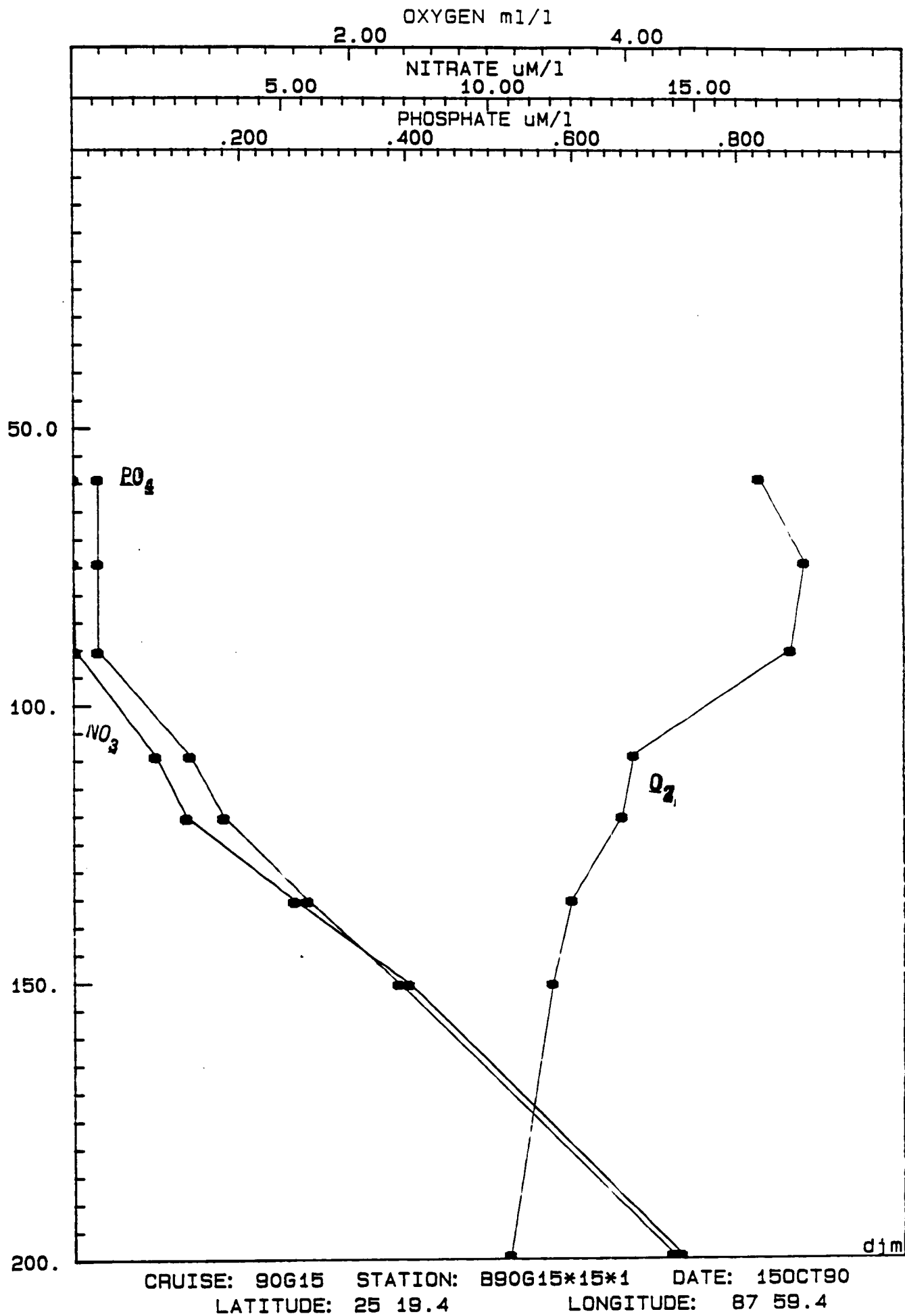
CRUISE: 90G15 STATION: B90G15*09*1 DATE: 14OCT90
 LATITUDE: 26 19.5 LONGITUDE: 89 59.2











CHLOROPHYLL A ug/l

.200

.400

.600

.800

NITRATE $\mu\text{M}/1$

5.00

10.00

15.00

SILICA $\mu\text{M}/1$

5.00

10.00

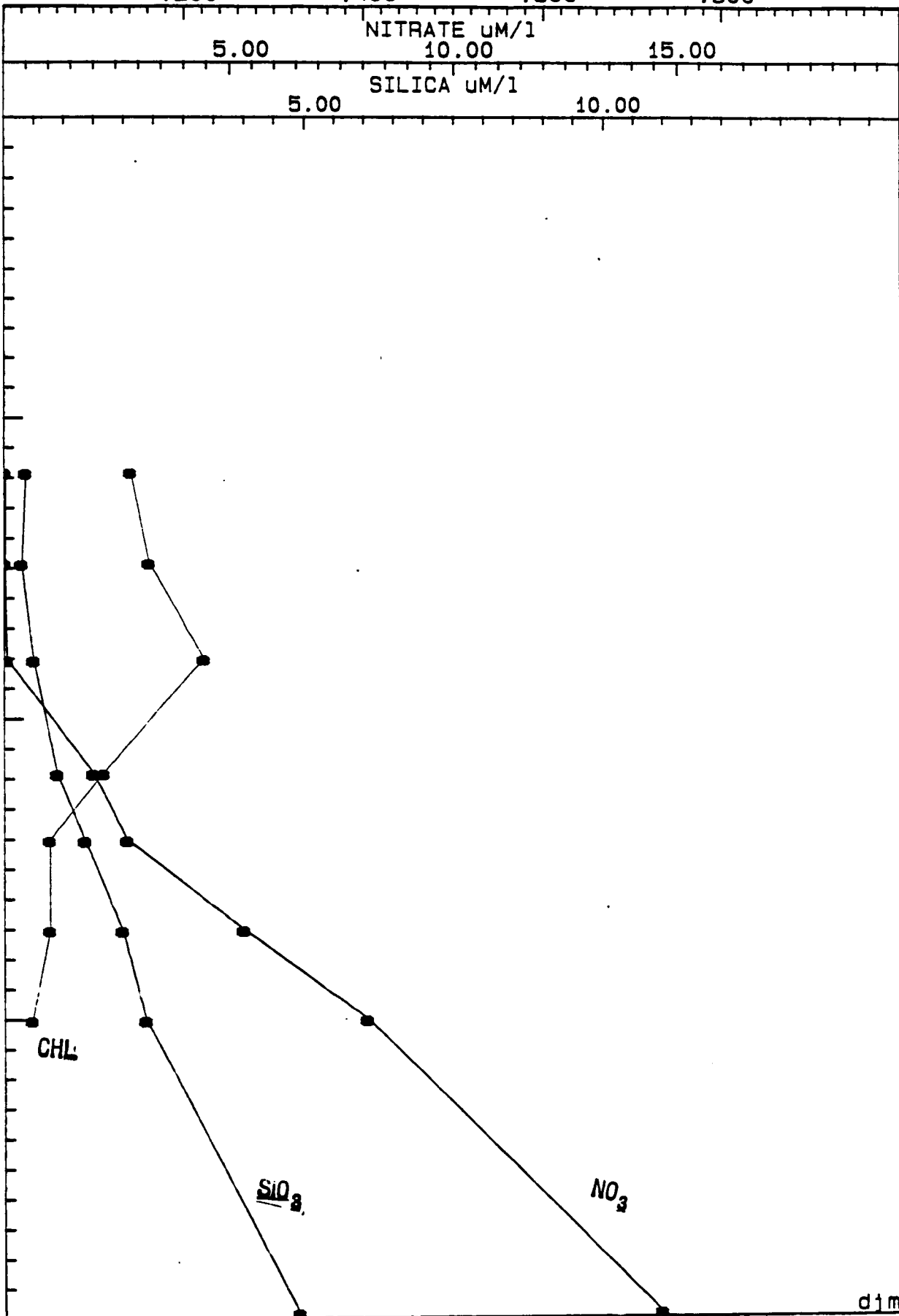
DEPTH
IN
METERS

50.0

100.

150.

200.



CHL

SiO₂

NO₃

d1m

CRUISE: 90G15 STATION: B90G15*15*1 DATE: 15OCT90
 LATITUDE: 25 19.4 LONGITUDE: 87 59.4

NITRATE $\mu\text{M}/\text{l}$

10.00

20.00

30.00

90-G-15
Composite Plot of All Stations

25.0

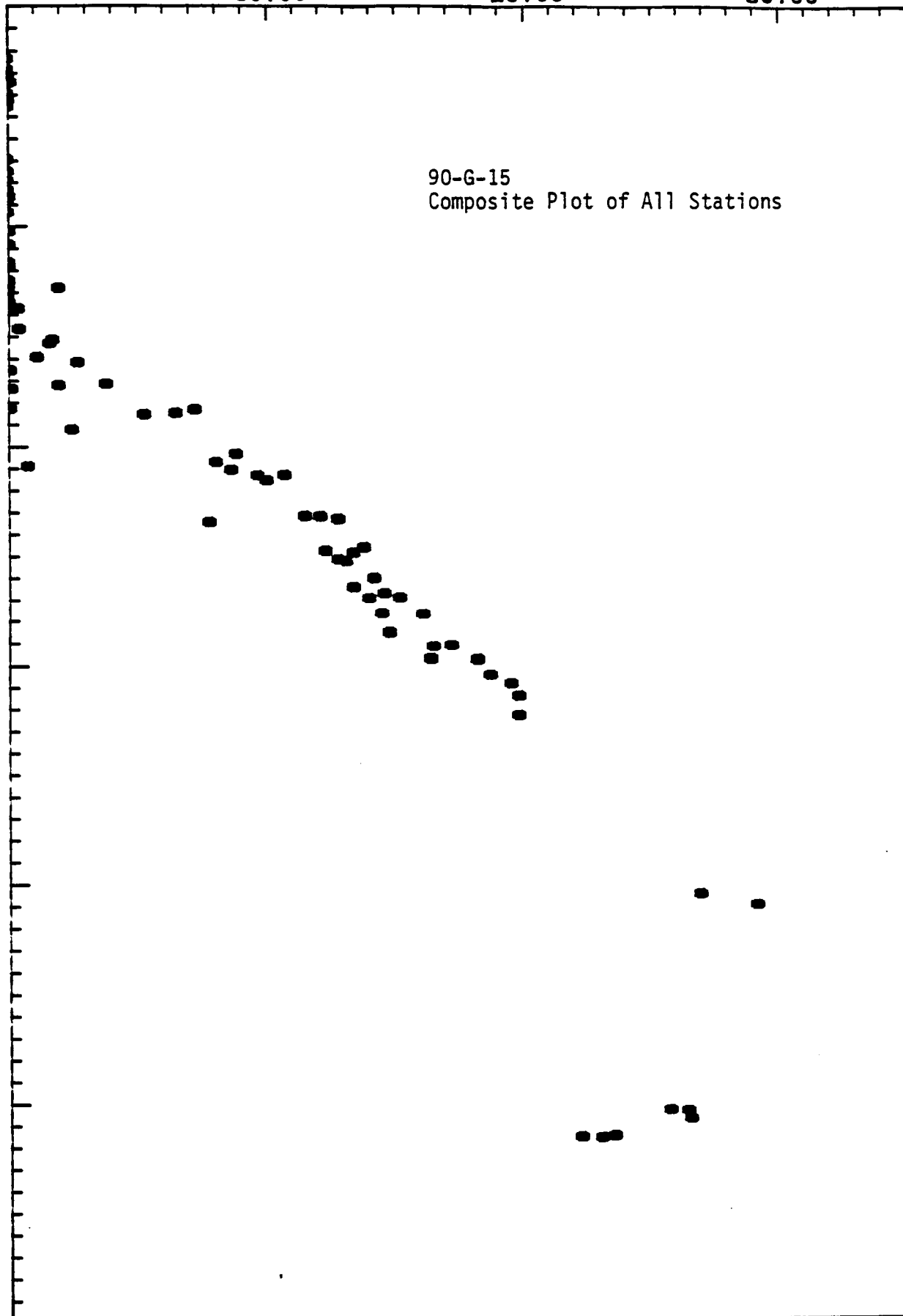
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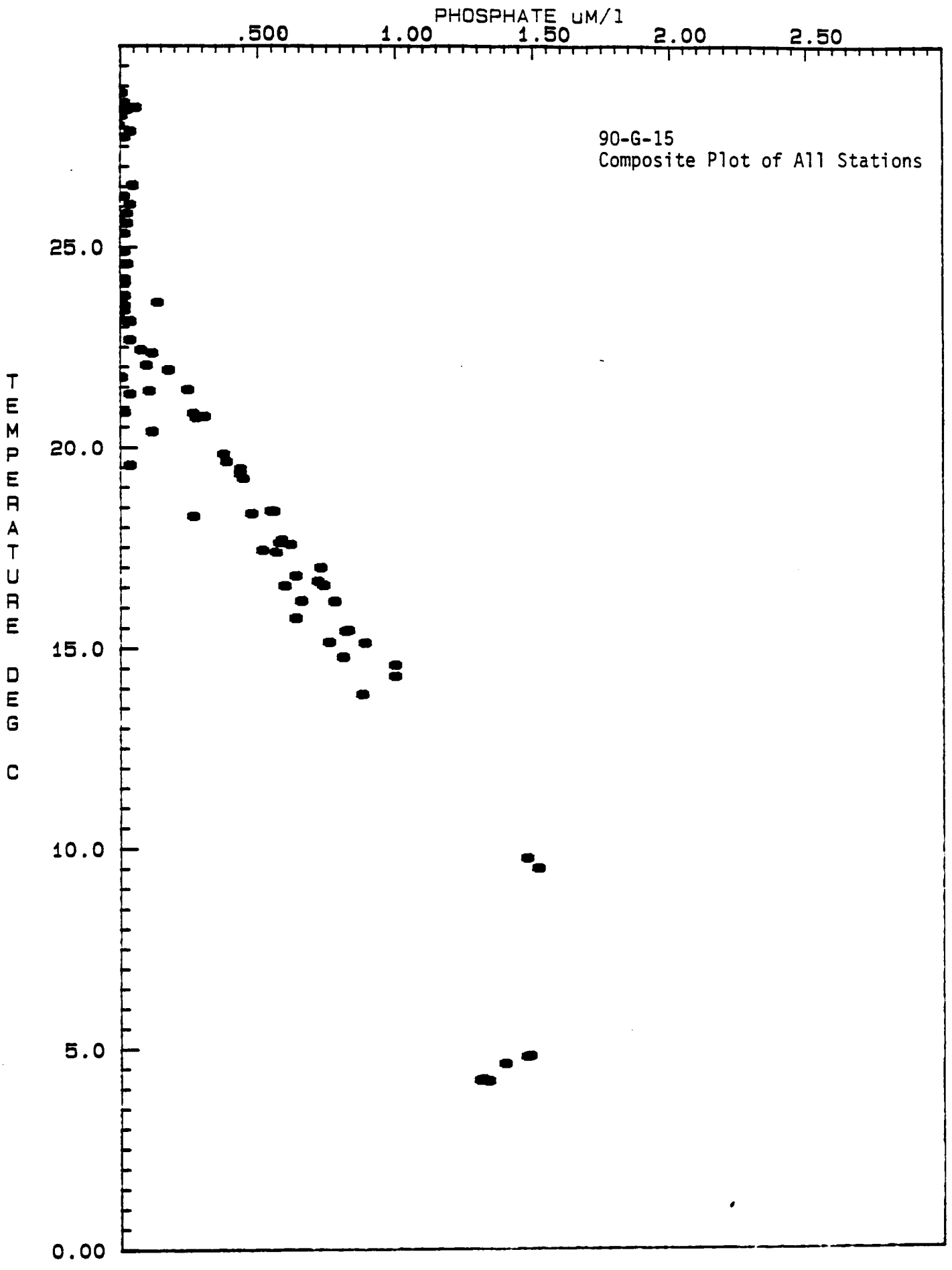
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10.0

5.0

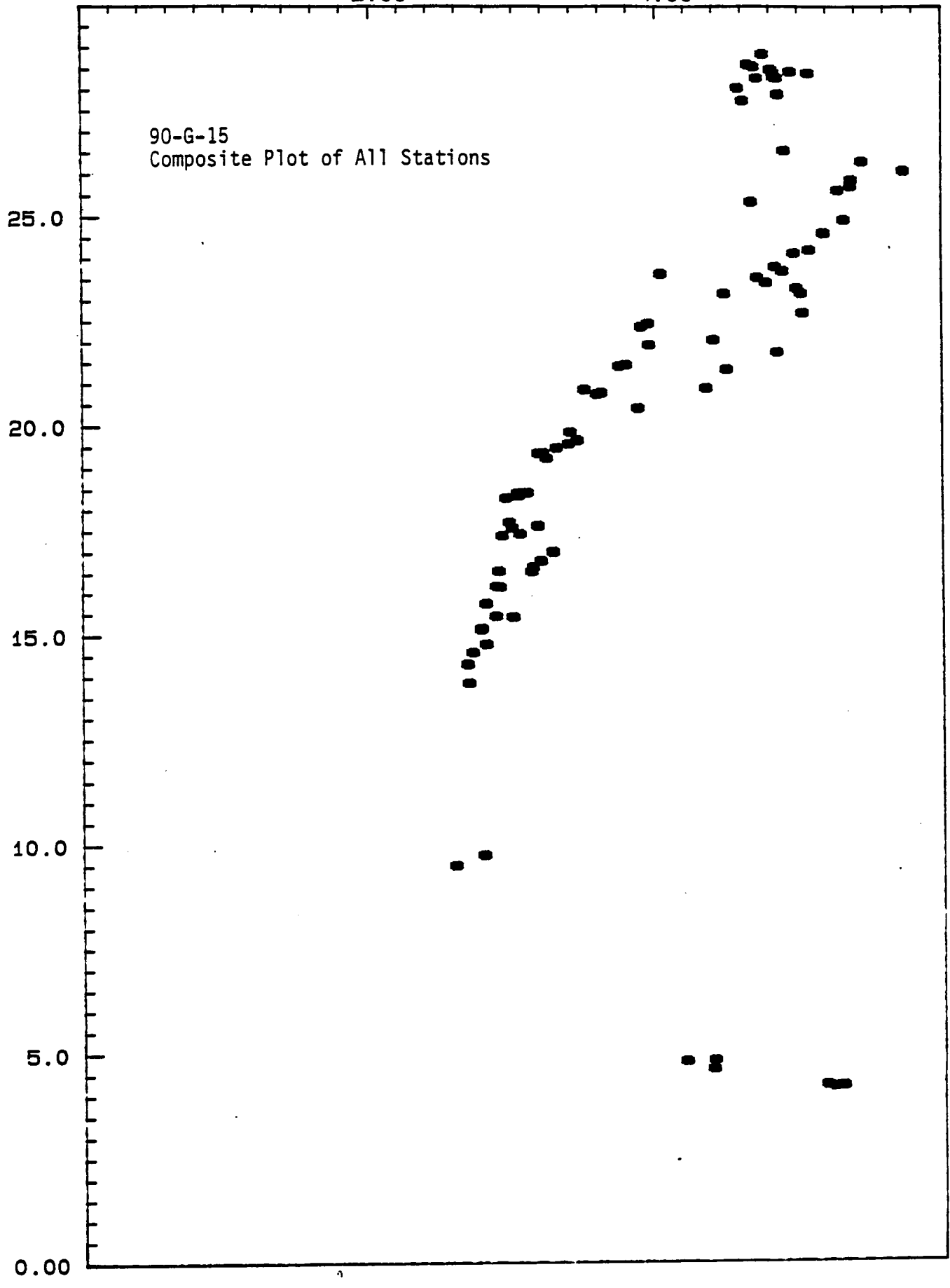
0.00





OXYGEN ml/l
2.00 4.00

90-G-15
Composite Plot of All Stations



SILICA $\mu\text{M}/\text{l}$

10.00

20.00

30.00

90-G-15
Composite Plot of All Stations

25.0

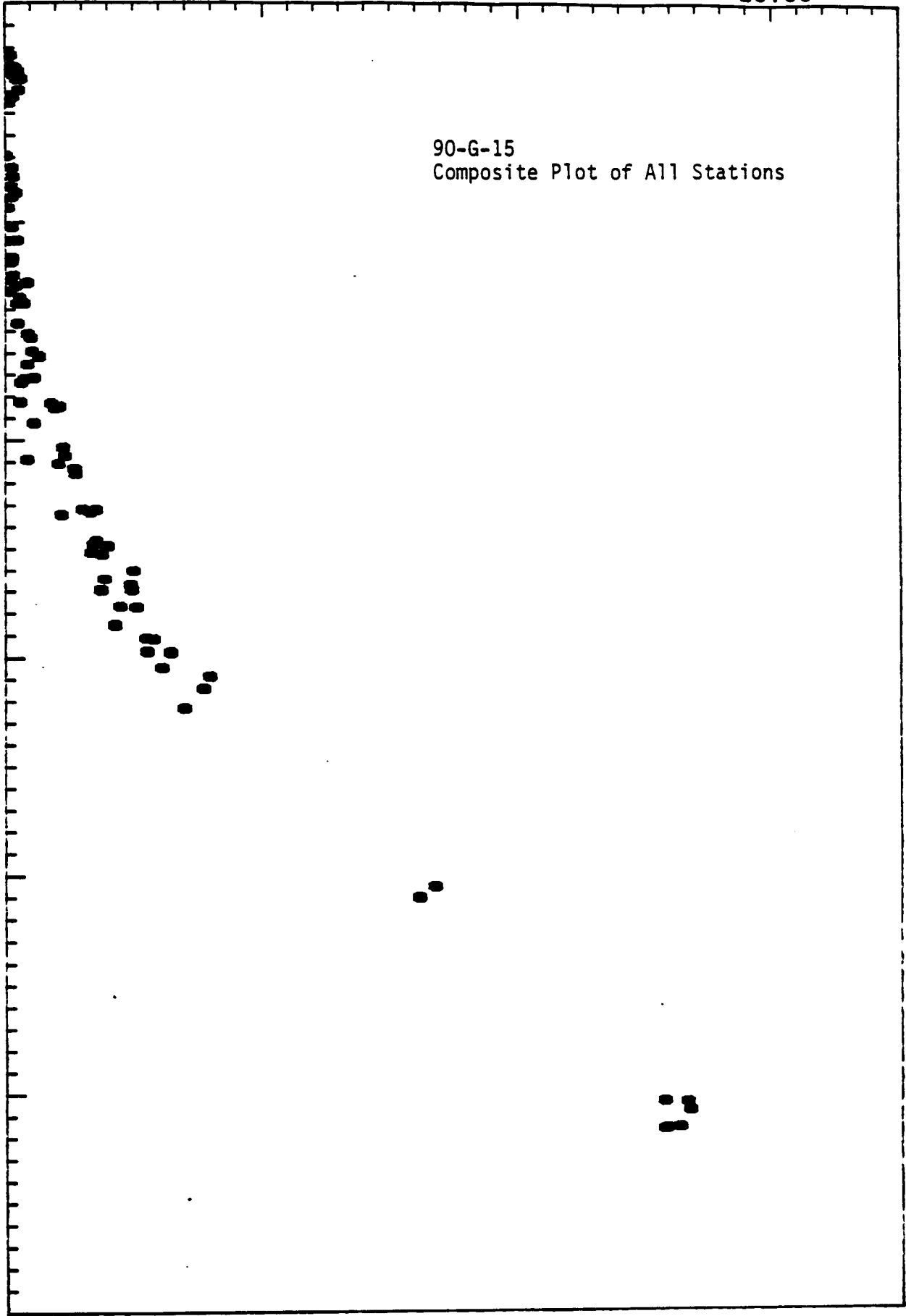
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15.0

10.0

5.0

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ACKNOWLEDGMENTS

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The XBT, CTD, nutrients, oxygen, and salinity data archived in this report were collected and processed by TAMU Department of Oceanography Technicians Ken Bottom, Dennis Guffy, Mark Spears, Greg Warr, R.V. Pittman, David Voegelé, and David Murphy; graduate students Lionel Sanchez, Ki-Ho Lee, Tony Lyons, and Ricardo Locarnini assisted with the XBT and CTD data collection and pitched in to carry out the at-sea chlorophyll analyses. D.C. Biggs was responsible for quality control and served as editor-in-chief.

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As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. The includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.

